**APPENDIXES** 

# APPENDIX I Try-Out Test Materials

# READ THE TEXT CAREFULLY!

# The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

The man tried and tried to teach the parrot to say "Catano". But the bird would not say the word. At first the man was very nice, but then he got angry. "You stupid bird! Why can't you say that word? Say 'Catano" or I'll kill you!" But the parrot would not say it. Then the man got so angry that he shouted over and over, "Say 'Catano" or I'll kill you". But the bird wouldn't talk.

One day, after trying for many hours to make the bird say "Catano", the man got very, very angry. He picked up the bird and threw him into the chicken house. "You are more stupid than the chickens. Soon I will eat them, and I will eat you, too".

In the chicken house there were four old chickens. They were for Sunday's dinner. The man put the parrot in the chicken house and left.

The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

# ANSWER THESE FOLLOWING QUESTIONS IN SHORT.

- 1. Where did this story take place?
- 2. What did the man have?
- 3. Why was the parrot so wonderful?
- 4. What did the man try to do to the parrot?
- 5. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 6. "Catano" was the name of ...
- 7. How did the man feel after trying for many hours to make the bird say "Catano"?
- 8. What will the man do to the parrot if the parrot would not say the word?
- 9. What did the man want to do with the chickens?
- 10. Where did the man put the parrot after he got angry?
- 11. How many chickens were there?
- 12. How many chickens were dead?
- 13. How many chickens were still alive?
- 14. How did the man feel after he saw some dead chickens on the floor?
- 15. Who killed the chickens?

# ANSWER:

1.	
2.	_
3.	_
4.	-
8.	-
9.	-
10.	-
12.	
14.	
15.	

Name	
No.	;
Class	:

# ANSWER KEY:

- 1. Puerto Rico
- 2. A wonderful parrot
- 3. The parrot could say any words
- 4. Teach him
- 5. "Catano"
- 6. A town
- 7. Very angry
- 8. Kill the parrot
- 9. Eat the chicken
- 10. In the chickens' house
- 11.4
- 12.3
- 13. 1
- 14. Very surprised
- 15. The parrot

APPENDIX II
Pre-test and
Post-test Materials

## READ THE TEXT CAREFULLY!

# The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

The man tried and tried to teach the parrot to say "Catano". But the bird would not say the word. At first the man was very nice, but then he got angry. "You stupid bird! Why can't you say that word? Say 'Catano" or I'll kill you!" But the parrot would not say it. Then the man got so angry that he shouted over and over, "Say 'Catano" or I'll kill you". But the bird wouldn't talk.

One day, after trying for many hours to make the bird say "Catano", the man got very, very angry. He picked up the bird and threw him into the chicken house. "You are more stupid than the chickens. Soon I will eat them, and I will eat you, too".

In the chicken house there were four old chickens. They were for Sunday's dinner. The man put the parrot in the chicken house and left.

The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

# ANSWER THESE FOLLOWING QUESTIONS IN SHORT.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
- 6. What did the man want to do with the chickens?
- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answer	s:				
1.					
2.					
3.				•	
4.		<u> </u>	<del></del>		
5.		-·· •			
6.					
7.		<u>.</u>			
8.				<u>.</u>	
9.					

10.

Name	:
No.	
Class	:

# APPENDIX III

**Lesson Plan for** the Experimental Group

# **LESSON PLAN**

(For the Experimental group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension

Sub-topic : A Wise Wish

Class : 6

Time :  $1 \times 40$  minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

#### Speaking

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

#### Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's storytelling
- Listen to the teacher's review of the previous lesson

## Reading Comprehension

Pupils are able to:

- Read the story by themselves

### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

# B. Learning Materials and Media

1. Learning Materials:

Story entitled "A Wise Wish" taken from "Stories we brought with us", on page 11.

- 2. Media:
  - Hand outs

# C. Teaching and Learning Activities

- 1. Approach : Competence Base Approach
- 2. Method: Direct Method
- 3. Technique: Mini lecture

- Question-Answer
- Individual work

#### 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's storytelling
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

#### D. Assessment

Pupils are given questions and asked to answer them in short.

# E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

#### Students' worksheet

## A Wise Wish

There was once a very bad king. All the people hated him. One hot day the king was walking along the river. He decided to take a swim. The king was a good swimmer, but when he got into the water, he suddenly felt a pain in his side. He started to drown.

Two farmers were working in a field nearby. They jumped in the water and saved him. They didn't know that he was the king until he was out of the water.

The king was very grateful to the farmers. He said to them, "You have saved my life. Ask me for anything you want. "One of the farmers said, "I need two water buffaloes to help me in the fields." The king promised he would give him the animals.

Then he asked the other farmer, "What is your wish?" The other farmer was old and wise. He thought and thought. Then he said, "Don't tell anyone that I helped to save your life."

#### A Wise Wish

There was once a very bad king. All the people hated him. One hot day the king was walking along the river. He decided to take a swim. The king was a good swimmer, but when he got into the water, he suddenly felt a pain in his side. He started to drown.

Two farmers were working in a field nearby. They jumped in the water and saved him. They didn't know that he was the king until he was out of the water.

The king was very grateful to the farmers. He said to them, "You have saved my life. Ask me for anything you want. "One of the farmers said, "I need two water buffaloes to help me in the fields." The king promised he would give him the animals.

Then he asked the other farmer, "What is your wish?" The other farmer was old and wise. He thought and thought. Then he said, "Don't tell anyone that I helped to save your life."

	True-raise
1.	() The wise farmer was very glad that he saved the king
2.	() The farmers didn't know how to swim.
	() The farmers were walking near a river.
4.	() The king was a bad king.
5.	( ) One farmer had two animals

Tena Talas

# Students' Assessment

# ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. Who hated by all the people?
- 2. How many farmers were working?
- 3. Where were the farmers working?
- 4. Who saved the king?
- 5. What did the first farmer ask for?
- 6. When the king was walking along the river, what did he decide to?
- 7. When he got into the water, he suddenly felt a pain in his side, what happened then?
- 8. What did the farmers do when they see someone (the king) drown?
- 9. How did the king feel after the farmers saved him?
- 10. Where was the king walking?

#### Teacher's Note:

Sub-field of study: English

Topic : Reading Comprehension

Sub-topic : A Wise Wish

Class : 6 Semester : 2

Time allocated : 1 x 40 minutes

#### I. Learning Outcomes:

- a. Pre-Instructional Activities
  - The pupils are able to listen the teacher's triggering questions.
  - The pupils are able to answer the teacher's triggering questions orally.
- b. Whilst-Instructional Activities
  - The pupils are able to listen to the teacher's storytelling.
  - The pupils are able to read the story by themselves.
  - The pupils are able to tell the difficulties they face in comprehending the story.
  - The pupils are able to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The pupils are able to listen to the teacher's review of the previous lesson.
  - The pupils are able to answer the essay questions given.

#### II. Teacher's Activities

- a. Pre-Instructional Activities
  - The teacher greets the pupils.

Pupils : "Good morning, Sir"

Teacher: "Good morning, Pupils. Okay, today we'll have story about 'A

Wise Wish'. Are you ready for the story today?"

Pupils : "Yes!"

Teacher : "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.
  - 1. Do you have a dream?
  - 2. What is your dream?
  - 3. What do you want to have?
  - 4. What do you want to do?

#### b. Whilst-Instructional Activities

- The teacher asks the pupils to listen to the teacher's storytelling. (See p. 8)
- The teacher asks the pupils to read the story by themselves. (See p.9)
- The teacher asks the pupils about difficulties they face in comprehending the story.
- The teacher asks the pupils to answer the exercise with true or false.

- c. Post-Instructional Activities
  - The teacher asks the pupils to answer the essay questions given.
    The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

NO.	PROCEDURES	SKILLS	TEACHING LEARNING ACTIVITIES		
			TEACHER	PUPILS	
1.	Greeting and	- Speaking	- Greets the pupils	- Reply the teacher's	1'
	Pre-Instructional			greeting	
	Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
			triggering questions orally	triggering questions	
		- Speaking		- Answer the teacher's	
				triggering questions orally	
2.	Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3'
	Activities		to the teacher's storytelling	storytelling	
;		- Reading	- Asks the pupils to read	- Read the story by	10'
			the story by themselves	themselves	
		- Speaking	- Asks the pupils about	- Tell the difficulties they	5'
			difficulties they face in	face in comprehending the	
			comprehending the story	content of the story	
		- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
			the exercise with true or	true or false	
			false		
3.	Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10'
ļ	Activities		the essay questions given	given	
		- Listening	- Reviews the previous	- Listen to the teacher's	2'
			lesson	review of the previous	
Ì				lesson	
}					

# Students' answer worksheet

- 1. F
- 2. F

- 3. F 4. T 5. F

# Students' answer assessment

- 1. The bad king
- 2. Two
- 3. In a field
- 4. The farmers
- 5. Two water buffaloes
- 6. Take a swim
- 7. Started to drown
- 8. Help him
- 9. Very grateful
- 10. Along the river

# **LESSON PLAN**

(For the Experimental group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension Sub-topic : The Wind and The Sun

Class : 6

Time : 1 x 40 minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

#### Speaking

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

## Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's storytelling
- Listen to the teacher's review of the previous lesson

#### Reading Comprehension

Pupils are able to:

- Read the story by themselves

#### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

#### B. Learning Materials and Media

1. Learning Materials:

Story entitled "The Wind and The Sun" taken from "Stories we brought with us", on page 43.

- 2. Media:
  - Hand outs
- C. Teaching and Learning Activities
  - 1. Approach: Competence Base Approach
  - 2. Method: Direct Method
  - 3. Technique: Mini lecture

- Question-Answer
- Individual work

## 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's storytelling
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

#### D. Assessment

Pupils are given questions and asked to answer them in short.

#### E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

# Students' worksheet

# The Wind and The Sun

One day, the wind started an argument with the sun. "I am stronger than you are!" said the wind. "No," answered the sun, "I am much stronger than you are!"

While they were talking, they saw a man walking down the road. He was wearing a heavy coat. The sun said to the wind, "Now let us see which of us can make the man take off his coat. Then we will know who is stronger."

First the wind tried. It began to blow very hard. It blew so hard that the man pulled his coat around him. The wind was angry at the man. Then the wind said to the sun, "Now it's your turn. Let's see if you can make him take off his coat!"

The sun began to shine down on the man. Soon it got very hot! The man took off his coat. The argument was over.

# READ THE TEXT CAREFULLY!

## The Wind and The Sun

One day, the wind started an argument with the sun. "I am stronger than you are!" said the wind. "No," answered the sun, "I am much stronger than you are!"

While they were talking, they saw a man walking down the road. He was wearing a heavy coat. The sun said to the wind, "Now let us see which of us can make the man take off his coat. Then we will know who is stronger."

First the wind tried. It began to blow very hard. It blew so hard that the man pulled his coat around him. The wind was angry at the man. Then the wind said to the sun, "Now it's your turn. Let's see if you can make him take off his coat!"

The sun began to shine down on the man. Soon it got very hot! The man took off his coat. The argument was over.

True-False	
1. (	) The wind blew the man's coat off.
2. (	The sun won the argument.
3. (	) The wind was angry at the man.
4. (	) The sun started an argument with the wind
	) The man was wearing a light coat.

# Students' Assessment

# ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. Who loved to argue?
- 2. What did they see, while they were talking?
- 3. What was the man wearing?
- 4. How did the wind and the sun decide who was stronger?
- 5. Who tried first?
- 6. What did the wind try?
- 7. What did the man do when the wind blew so hard?
- 8. How did the sun make the man take off his coat?
- 9. Who won the argument?
- 10. Who was angry to the man?

#### Teacher's Note:

Sub-field of study: English

Topic

: Reading Comprehension

Sub-topic

: The Wind and The Sun

Class

: 6 : 2

Semester

Time allocated : 1 x 40 minutes

### I. Learning Outcomes:

## a. Pre-Instructional Activities

- The pupils are able to listen the teacher's triggering questions.
- The pupils are able to answer the teacher's triggering questions orally.

# b. Whilst-Instructional Activities

- The pupils are able to listen to the teacher's storytelling.
- The pupils are able to read the story by themselves.
- The pupils are able to tell the difficulties they face in comprehending the
- The pupils are able to answer the exercise with true or false.

#### c. Post-Instructional Activities

- The pupils are able to listen to the teacher's review of the previous lesson.
- The pupils are able to answer the essay questions given.

#### II. Teacher's Activities

#### a. Pre-Instructional Activities

The teacher greets the pupils.

: "Good morning, Sir"

: "Good morning, Pupils. Okay, today we'll have story about 'The

Wind and The Sun'. Are you ready for the story today?"

Pupils

· "Yes!"

Teacher : "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.
  - 1. What is shining in the morning?
  - 2. What is blowing in the air?

#### b. Whilst-Instructional Activities

- The teacher asks the pupils to listen to the teacher's storytelling. (See p. 8)
- The teacher asks the pupils to read the story by themselves. (See p.9)
- The teacher asks the pupils about difficulties they face in comprehending the
- The teacher asks the pupils to answer the exercise with true or false.

#### c. Post-Instructional Activities

- The teacher asks the pupils to answer the essay questions given.
- The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

NO.	PROCEDURES	SKILLS	TEACHING LEAR	CHING LEARNING ACTIVITIES	
			TEACHER	PUPILS	
1.	Greeting and	- Speaking	- Greets the pupils	- Reply the teacher's	1'
	Pre-Instructional			greeting	
	Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
			triggering questions orally	triggering questions	
		- Speaking	<b>5</b>	- Answer the teacher's	
				triggering questions orally	
2.	Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3,
	Activities		to the teacher's storytelling	storytelling	
		- Reading	- Asks the pupils to read	- Read the story by	10'
			the story by themselves	themselves	
		- Speaking	- Asks the pupils about	- Tell the difficulties they	5,
			difficulties they face in	face in comprehending the	
			comprehending the story	story	
		- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
			the exercise with true or	true or false	
			false		
3.	Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10'
	Activities		the essay questions given	given	
		- Listening	- Reviews the previous	- Listen to the teacher's	2'
1			lesson	review of the previous	
ļ				lesson	

# Students' answer worksheet

- 1. **F**
- 2. T 3. T
- 4. F
- 5. F

# Students' answer assessment

- 1. The wind
- 2. A man
- 3. A heavy coat
- 4. The one who could make the man take off his coat
- 5. The wind
- 6. Blow very hard
- 7. The man pulled his coat around him
- 8. The sun began to shine down on the man
- 9. The sun
- 10. The wind

## **LESSON PLAN**

(For the Experimental group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension Sub-topic : The Golden Touch

Class : 6

Time :  $1 \times 40$  minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

#### **Speaking**

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

#### Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's storytelling
- Listen to the teacher's review of the previous lesson

# **Reading Comprehension**

Pupils are able to:

- Read the story by themselves

#### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

# B. Learning Materials and Media

1. Learning Materials:

Story entitled "The Golden Touch" taken from "Stories we brought with us", on page 51.

- 2. Media:
  - Hand outs

## C. Teaching and Learning Activities

- 1. Approach: Competence Base Approach
- 2. Method: Direct Method
- 3. Technique: Mini lecture

- Question-Answer
- Individual work

#### 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's storytelling
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

#### D. Assessment

Pupils are given questions and asked to answer them in short.

## E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

#### Students' worksheet

#### The Golden Touch

There once was a king. He was very rich. This king loved two things: his little daughter and his gold. He had many rooms full of gold, but he was not happy. He wanted to have more gold.

One day the king was in his garden. A stranger came to see him. The visitor told the king to make a wish. The king said, "I wish to have more gold." "I will help you get your wish," the stranger answered. "Tomorrow morning, everything you touch will change to gold."

The next morning the king got up early. He touched a chair, a flower, and a table. Everything changed to gold! The king was very happy. He sat down to eat breakfast, but his food turned to gold when he touched it. He thought, "If I can't eat anything, I will die."

Then his daughter came into the room. She ran to her father. But when he touched her, she changed to gold, too.

The king was very sad. He walked alone in his garden. Then he saw the stranger again. "Oh," cried the king, "Please take back my wish. I don't want any more gold." "All right, "said the stranger, "If you are really sure this time, I will take back your wish."

After that, the king was not as rich, but he was wiser and happier.

#### The Golden Touch

There once was a king. He was very rich. This king loved two things: his little daughter and his gold. He had many rooms full of gold, but he was not happy. He wanted to have more gold.

One day the king was in his garden. A stranger came to see him. The visitor told the king to make a wish. The king said, "I wish to have more gold." "I will help you get your wish," the stranger answered. "Tomorrow morning, everything you touch will change to gold."

The next morning the king got up early. He touched a chair, a flower, and a table. Everything changed to gold! The king was very happy. He sat down to eat breakfast, but his food turned to gold when he touched it. He thought, "If I can't eat anything, I will die."

Then his daughter came into the room. She ran to her father. But when he touched her, she changed to gold, too.

The king was very sad. He walked alone in his garden. Then he saw the stranger again. "Oh," cried the king, "Please take back my wish. I don't want any more gold." "All right, "said the stranger, "If you are really sure this time, I will take back your wish."

After that, the king was not as rich, but he was wiser and happier.

i rue	-raise
1.	() The king was happy because he had so much gold.
2.	() The king loved gold more than he loved his daughter.
3.	() If the king had kept "the golden touch" for a long time, he would have died.
4.	() The king was happy with "the golden touch".
5.	( ) The king didn't want to keep "the golden touch"

#### Students' Assessment

#### ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. What two things did the king love?
- 2. Why wasn't the king happy even he had many rooms full of gold?
- 3. Where did a stranger meet the king?
- 4. What did the visitor tell the king to?
- 5. What did the king touch in the next morning?
- 6. When everything changed to gold, how did the king feel?
- 7. When did the king first realize that the "Golden touch" might be a problem?
- 8. What made the king very sad?
- 9. What did the king want the stranger to do again?
- 10. What happened to the king after the stranger took back his wish?

#### Teacher's Note:

Sub-field of study: English

Topic : Reading Comprehension

Sub-topic: The Golden Touch

Class : 6 Semester : 2

Time allocated : 1 x 40 minutes

- I. Learning Outcomes:
- a. Pre-Instructional Activities
  - The pupils are able to listen the teacher's triggering questions.
  - The pupils are able to answer the teacher's triggering questions orally.
- b. Whilst-Instructional Activities
  - The pupils are able to listen to the teacher's storytelling.
  - The pupils are able to read the story by themselves.
  - The pupils are able to tell the difficulties they face in comprehending the story.
  - The pupils are able to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The pupils are able to listen to the teacher's review of the previous lesson.
  - The pupils are able to answer the essay questions given.
- II. Teacher's Activities
- a. Pre-Instructional Activities
  - The teacher greets the pupils.

Pupils : "Good morning, Sir"

Teacher : "Good morning, Pupils. Okay, today we'll have story about 'The

Golden Touch'. Are you ready for the story today?"

Pupils : "Yes!"

Teacher: "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.

Which one is the most expensive:

- Gold
- Silver
- Bronze
- b. Whilst-Instructional Activities
  - The teacher asks the pupils to listen to the teacher's storytelling. (See p. 8)
  - The teacher asks the pupils to read the story by themselves. (See p.9)
  - The teacher asks the pupils about difficulties they face in comprehending the story.
  - The teacher asks the pupils to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The teacher asks the pupils to answer the essay questions given.
  - The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

PROCEDURES SKILLS		TEACHING LEARNING ACTIVITIES		TIME
		TEACHER	PUPILS	
	- Speaking	- Greets the pupils	- Reply the teacher's	1'
Pre-Instructional			greeting	
Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
`		triggering questions orally	triggering questions	
	- Speaking		- Answer the teacher's	
			triggering questions orally	
Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3,
Activities		to the teacher's storytelling	storytelling	
	- Reading	- Asks the pupils to read	- Read the story by	10'
		the story by themselves	themselves	
	- Speaking	- Asks the pupils about	- Tell the difficulties they	5'
		difficulties they face in	face in comprehending the	i
		comprehending the story	story	j
	- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
		the exercise with true or	true or false	
		false		}
Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10'
Activities		the essay questions given	given	
	- Listening	- Reviews the previous	- Listen to the teacher's	2'
		lesson	review of the previous	
			lesson	}
				}
	Greeting and Pre-Instructional Activities  Whilst-Instructional Activities	Greeting and Pre-Instructional Activities - Listening  Whilst-Instructional - Listening Activities - Reading  - Speaking  Writing  Post-Instructional - Writing  Activities	TEACHER  Greeting and Pre-Instructional Activities  - Listening - Asks the pupils some triggering questions orally  - Speaking  Whilst-Instructional - Listening - Asks the pupils to listen to the teacher's storytelling - Reading - Reading - Asks the pupils to read the story by themselves - Speaking - Asks the pupils about difficulties they face in comprehending the story - Writing - Asks the pupils to answer the exercise with true or false  Post-Instructional - Writing - Asks the pupils to answer the essay questions given - Listening - Reviews the previous	TEACHER PUPILS  Greeting and - Speaking - Greets the pupils - Reply the teacher's greeting  Activities - Listening - Asks the pupils some triggering questions orally - Speaking - Asks the pupils to listen to the teacher's triggering questions orally  Whilst-Instructional - Listening - Asks the pupils to listen to the teacher's storytelling - Reading - Asks the pupils to read the story by themselves  - Speaking - Asks the pupils about difficulties they face in comprehending the story - Writing - Asks the pupils to answer the exercise with true or false  Post-Instructional - Writing - Asks the pupils to answer the essay questions given - Listen to the teacher's review of the previous lesson review of the previous

## Students' answer worksheet

- 1. F
- 2. F
- 3. T 4. T 5. T

## Students' answer assessment

- 1. His little daughter and his gold
- 2. He wanted to have more gold
- 3. In the garden
- 4. To make a wish
- 5. A chair, a flower, and a table.
- 6. Very happy
- 7. When his food changed to gold
- 8. His daughter changed to gold too
- 9. Took back his wish
- 10. He was wiser and happier

**APPENDIX IV** 

**Lesson Plan for the Control Group** 

### **LESSON PLAN**

(For the Control Group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension

Sub-topic : A Wise Wish

Class: 6

Time :  $1 \times 40$  minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

#### Speaking

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

#### Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's description based on the picture series shown
- Listen to the teacher's review

### **Reading Comprehension**

Pupils are able to:

- Read the story by themselves

#### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

#### B. Learning Materials and Media

1. Learning Materials:

From: Story entitled "A Wise Wish" taken from "Stories we brought with us", on page 11.

- 2. Media:
  - Hand outs
  - Picture series

#### C. Teaching and Learning Activities

- 1. Approach: Competence Base Approach
- 2. Method: Direct Method
- 3. Technique: Mini lecture

- Question-Answer
- Individual work

#### 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's description based on the picture series shown
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

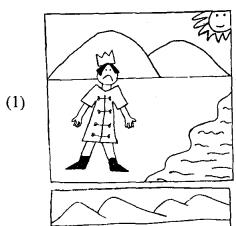
#### D. Assessment

Pupils are given questions and asked to answer them in short.

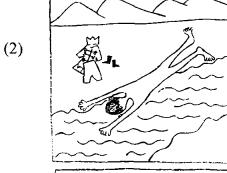
#### E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

# Students' worksheet



There was a bad king.



The king decided to take a swim.



The king started to drown.

## READ THE TEXT CAREFULLY!

#### A Wise Wish

There was once a very bad king. All the people hated him. One hot day the king was walking along the river. He decided to take a swim. The king was a good swimmer, but when he got into the water, he suddenly felt a pain in his side. He started to drown.

Two farmers were working in a field nearby. They jumped in the water and saved him. They didn't know that he was the king until he was out of the water.

The king was very grateful to the farmers. He said to them, "You have saved my life. Ask me for anything you want. "One of the farmers said, "I need two water buffaloes to help me in the fields." The king promised he would give him the animals.

Then he asked the other farmer, "What is your wish?" The other farmer was old and wise. He thought and thought. Then he said, "Don't tell anyone that I helped to save your life."

True-F	alse
--------	------

- 1. (\_\_\_) The wise farmer was very glad that he saved the king.
- 2. (\_\_\_) The farmers didn't know how to swim.
- 3. (\_\_\_) The farmers were walking near a river.
- 4. The king was a bad king.
- 5. ( ) One farmer had two animals.

## Students' Assessment

## ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. Who hated by all the people?
- 2. How many farmers were working?
- 3. Where were the farmers working?
- 4. Who saved the king?
- 5. What did the first farmer ask for?
- 6. When the king was walking along the river, what did he decide to?
- 7. When he got into the water, he suddenly felt a pain in his side, what happened then?
- 8. What did the farmers do when they see someone (the king) drown?
- 9. How did the king feel after the farmers saved him?
- 10. Where was the king walking?

#### Teacher's Note:

Sub-field of study: English

Topic : Reading Comprehension

Sub-topic : A Wise Wish

Class : 6 Semester : 2

Time allocated : 1 x 40 minutes

#### I. Learning Outcomes:

- a. Pre-Instructional Activities
  - The pupils are able to listen the teacher's triggering questions.
  - The pupils are able to answer the teacher's triggering questions orally.
- b. Whilst-Instructional Activities
  - The pupils are able to listen to the teacher's description based on the picture series shown.
  - The pupils are able to read the story by themselves.
  - The pupils are able to tell the difficulties they face in comprehending the story.
  - The pupils are able to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The pupils are able to listen to the teacher's review of the previous lesson.
  - The pupils are able to answer the essay questions given.

#### II. Teacher's Activities

- a. Pre-Instructional Activities
  - The teacher greets the pupils.

Pupils : "Good morning, Sir"

Teacher: "Good morning, Pupils. Okay, today we'll have story about 'A

Wise Wish'. Are you ready for the story today?"

Pupils : "Yes!"

Teacher: "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.
  - 1. Do you have a dream?
  - 2. What is your dream?
  - 3. What do you want to have?
  - 4. What do you want to do?

#### b. Whilst-Instructional Activities

- The teacher asks the pupils to listen to the teacher's description based on the picture series shown. (See p. 8)
- The teacher asks the pupils to read the story by themselves. (See p.9)
- The teacher asks the pupils about difficulties they face in comprehending the story.
- The teacher asks the pupils to answer the exercise with true or false.

- c. Post-Instructional Activities
  - The teacher asks the pupils to answer the essay questions given. The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

NO.	PROCEDURES	SKILLS	S TEACHING LEARNING ACTIVITIES		TIME
<u> </u>			TEACHER	PUPILS	
1.	Greeting and	- Speaking	- Greets the pupils	- Reply the teacher's	1'
	Pre-Instructional			greeting	
	Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
			triggering questions orally	triggering questions	
		- Speaking		- Answer the teacher's	
				triggering questions orally	
2.	Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3'
	Activities		to the teacher's description	description based on the	
			based on the picture series	picture series shown	
			shown		
		- Reading	- Asks the pupils to read	- Read the story by	10'
			the story by themselves	themselves	
		- Speaking	- Asks the pupils about	- Tell the difficulties they	5'
			difficulties they face in	face in comprehending the	ł
			comprehending the content	content of the story	
			of the story		
		- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
			the exercise with true or	true or false	
			false		į
3.	Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10'
	Activities		the essay questions given	given	
		- Listening	- Reviews the previous	- Listen to the teacher's	2'
			lesson	review of the previous	
			) 	lesson	

# Students' answer worksheet

- 1. F 2. F 3. F 4. T 5. F

## Students' answer assessment

- 1. The bad king
- 2. Two
- 3. In a field
- 4. The farmers
- 5. Two water buffaloes
- 6. Take a swim
- 7. Started to drown
- 8. Help him
- 9. Very grateful
- 10. Along the river

### **LESSON PLAN**

(For the Control Group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension Sub-topic : The Wind and The Sun

Class: 6

Time : 1 x 40 minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

## Speaking

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

#### Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's description based on the picture series shown
- Listen to the teacher's review

## Reading Comprehension

Pupils are able to:

- Read the story by themselves

#### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

### B. Learning Materials and Media

1. Learning Materials:

From: Story entitled "The Wind and The Sun" taken from "Stories we brought with us", on page 43.

- 2. Media:
  - Hand outs
  - Picture series

#### C. Teaching and Learning Activities

- 1. Approach : Competence Base Approach
- 2. Method: Direct Method
- 3. Technique: Mini lecture

- Question-Answer
- Individual work

#### 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's description based on the picture series shown
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

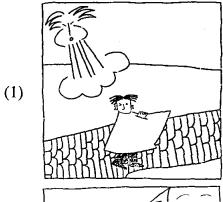
#### D. Assessment

Pupils are given questions and asked to answer them in short.

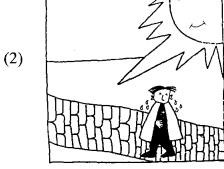
#### E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

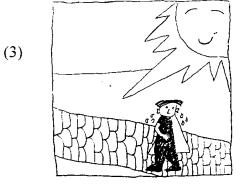
## Students' worksheet



The wind blow very hard.
The man pulled his coat around him.



The sun began to shine down on the man. The man felt very hot.



The man took off his coat.

## READ THE TEXT CAREFULLY!

#### The Wind and The Sun

One day, the wind started an argument with the sun. "I am stronger than you are!" said the wind. "No," answered the sun, "I am much stronger than you are!"

While they were talking, they saw a man walking down the road. He was wearing a heavy coat. The sun said to the wind, "Now let us see which of us can make the man take off his coat. Then we will know who is stronger."

First the wind tried. It began to blow very hard. It blew so hard that the man pulled his coat around him. The wind was angry at the man. Then the wind said to the sun, "Now it's your turn. Let's see if you can make him take off his coat!"

The sun began to shine down on the man. Soon it got very hot! The man took off his coat. The argument was over.

True-False	
1. (	_) The wind blew the man's coat off.
2. (	_) The sun won the argument.
3. (	) The wind was angry at the man.
4. (	) The sun started an argument with the wind.
5. (	) The man was wearing a light coat.

## Students' Assessment

## ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. Who loved to argue?
- 2. What did they see, while they were talking?
- 3. What was the man wearing?
- 4. How did the wind and the sun decide who was stronger?
- 5. Who tried first?
- 6. What did the wind try?
- 7. What did the man do when the wind blew so hard?
- 8. How did the sun make the man take off his coat?
- 9. Who won the argument?
- 10. Who was angry to the man?

### Teacher's Note:

Sub-field of study: English

Topic : Reading Comprehension Sub-topic : The Wind and The Sun

Class : 6 Semester : 2

Time allocated : 1 x 40 minutes

#### I. Learning Outcomes:

- a. Pre-Instructional Activities
  - The pupils are able to listen the teacher's triggering questions.
  - The pupils are able to answer the teacher's triggering questions orally.
- b. Whilst-Instructional Activities
  - The pupils are able to listen to the teacher's description based on the picture series shown.
  - The pupils are able to read the story by themselves.
  - The pupils are able to tell the difficulties they face in comprehending the story.
  - The pupils are able to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The pupils are able to listen to the teacher's review of the previous lesson.
  - The pupils are able to answer the essay questions given.

#### II. Teacher's Activities

- a. Pre-Instructional Activities
  - The teacher greets the pupils.

Pupils : "Good morning, Sir"

Teacher : "Good morning, Pupils. Okay, today we'll have story about 'The

Wind and The Sun'. Are you ready for the story today?"

Pupils : "Yes!"

Teacher : "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.
  - 1. What is shining in the morning?
  - 2. What is blowing in the air?

## b. Whilst-Instructional Activities

- The teacher asks the pupils to listen to the teacher's description based on the picture series shown. (See p. 8)
- The teacher asks the pupils to read the story by themselves. (See p.9)
- The teacher asks the pupils about difficulties they face in comprehending the story.
- The teacher asks the pupils to answer the exercise with true or false.

### c. Post-Instructional Activities

- The teacher asks the pupils to answer the essay questions given.
- The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

NO.	PROCEDURES	SKILLS	TEACHING LEARNING ACTIVITIES		TIME
			TEACHER	PUPILS	
1.	Greeting and	- Speaking	- Greets the pupils	- Reply the teacher's	1'
	Pre-Instructional			greeting	
	Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
			triggering questions orally	triggering questions	
		- Speaking		- Answer the teacher's	
				triggering questions orally	
2.	Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3'
	Activities		to the teacher's description	description based on the	
			based on the picture series	picture series shown	
			shown		
		- Reading	- Asks the pupils to read	- Read the story by	10'
			the story by themselves	themselves	į
		- Speaking	- Asks the pupils about	- Tell the difficulties they	5'
			difficulties they face in	face in comprehending the	
			comprehending the content	content of the story	
			of the story		
		- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
			the exercise with true or	true or false	
			false		
3.	Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10,
}	Activities		the essay questions given	given	
		- Listening	- Reviews the previous	- Listen to the teacher's	2'
			lesson	review of the previous	
				lesson	{

# Students' answer worksheet

- 1. F
- 2. T 3. T 4. F 5. F

# Students' answer assessment

- 1. The wind
- 2. A man
- 3. A heavy coat
- 4. The one who could make the man take off his coat
- 5. The wind
- 6. Blow very hard
- 7. The man pulled his coat around him
- 8. The sun began to shine down on the man
- 9. The sun
- 10. The wind

#### LESSON PLAN

(For the Control Group)

Field of study : Language Sub field of study: English

Topic : Reading Comprehension

Sub-topic : The Golden Touch

Class: 6

Time :  $1 \times 40$  minutes

#### A. Competence

1. Basic Competence

The pupils are able to understand the content of the reading text given.

2. Achievement indicators:

#### Speaking

Pupils are able to:

- Reply the teacher's greeting
- Answer the teacher's triggering questions orally
- Tell the difficulties they face in comprehending the content of the story

#### Listening

Pupils are able to:

- Listen to the teacher's triggering questions
- Listen to the teacher's description based on the picture series shown
- Listen to the teacher's review

#### Reading Comprehension

Pupils are able to:

- Read the story by themselves

#### Writing

Pupils are able to:

- Answer the exercise with true or false
- Answer the essay questions given

## B. Learning Materials and Media

1. Learning Materials:

From: Story entitled "The Golden Touch" taken from "Stories we brought with us", on page 51.

- 2. Media:
  - Hand outs
  - Picture series

#### C. Teaching and Learning Activities

- 1. Approach: Competence Base Approach
- 2. Method: Direct Method
- 3. Technique: Mini lecture

- Question-Answer
- Individual work

#### 4. Class activities:

- Listen to the teacher's triggering questions
- Answer the teacher's triggering questions orally
- Listen to the teacher's description based on the picture series shown
- Read the story by themselves
- Tell the difficulties they face in comprehending the content of the story
- Answer the exercise with true or false

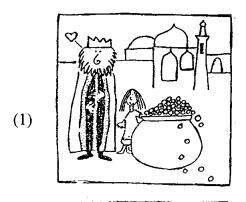
#### D. Assessment

Pupils are given questions and asked to answer them in short.

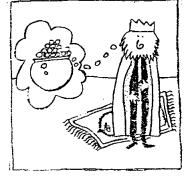
#### E. Reference:

Kasser, Carol and Silverman, Ann. 1986. "Stories We Brought with Us", New Jersey: Prentice Hall, Inc.

## Students' worksheet



The king loved his little daughter and his gold.



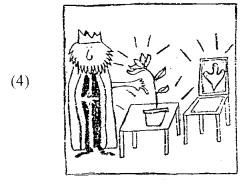
(2)

(3)

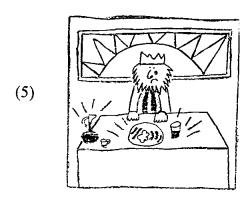
He wanted to have more gold.



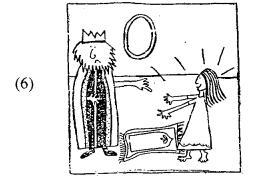
A stranger came to see him.



He touched a chair, a flower, and a table.



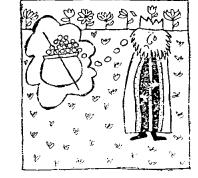
He was sad, his food turned to gold.



His daughter changed to gold too.



He saw the stranger again.



(8)

He loose his gold.

#### READ THE TEXT CAREFULLY!

#### The Golden Touch

There once was a king. He was very rich. This king loved two things: his little daughter and his gold. He had many rooms full of gold, but he was not happy. He wanted to have more gold.

One day the king was in his garden. A stranger came to see him. The visitor told the king to make a wish. The king said, "I wish to have more gold." "I will help you get your wish," the stranger answered. "Tomorrow morning, everything you touch will change to gold."

The next morning the king got up early. He touched a chair, a flower, and a table. Everything changed to gold! The king was very happy. He sat down to eat breakfast, but his food turned to gold when he touched it. He thought, "If I can't eat anything, I will die."

Then his daughter came into the room. She ran to her father. But when he touched her, she changed to gold, too.

The king was very sad. He walked alone in his garden. Then he saw the stranger again. "Oh," cried the king, "Please take back my wish. I don't want any more gold." "All right, "said the stranger, "If you are really sure this time, I will take back your wish."

After that, the king was not as rich, but he was wiser and happier.

True-	-False
1.	() The king was happy because he had so much gold.
2.	() The king loved gold more than he loved his daughter.
3.	() If the king had kept "the golden touch" for a long time, he would have died.
4.	() The king was happy with "the golden touch".
5.	() The king didn't want to keep "the golden touch"

#### Students' Assessment

#### ANSWER THESE FOLLOWING QUESTIONS IN SHORT!

- 1. What two things did the king love?
- 2. Why wasn't the king happy even he had many rooms full of gold?
- 3. Where did a stranger meet the king?
- 4. What did the visitor tell the king to?
- 5. What did the king touch in the next morning?
- 6. When everything changed to gold, how did the king feel?
- 7. When did the king first realize that the "Golden touch" might be a problem?
- 8. What made the king very sad?
- 9. What did the king want the stranger to do again?
- 10. What happened to the king after the stranger took back his wish?

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BURABAYA

### Teacher's Note:

Sub-field of study: English

Topic : Reading Comprehension

Sub-topic : The Golden Touch

Class : 6 Semester : 2

Time allocated : 1 x 40 minutes

- I. Learning Outcomes:
- a. Pre-Instructional Activities
  - The pupils are able to listen the teacher's triggering questions.
  - The pupils are able to answer the teacher's triggering questions orally.
- b. Whilst-Instructional Activities
  - The pupils are able to listen to the teacher's description based on the picture series shown.
  - The pupils are able to read the story by themselves.
  - The pupils are able to tell the difficulties they face in comprehending the story.
  - The pupils are able to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The pupils are able to listen to the teacher's review of the previous lesson.
  - The pupils are able to answer the essay questions given.
- II. Teacher's Activities
- a. Pre-Instructional Activities
  - The teacher greets the pupils.

Pupils : "Good morning, Sir"

Teacher : "Good morning, Pupils. Okay, today we'll have story about 'The

Golden Touch'. Are you ready for the story today?"

Pupils : "Yes!"

Teacher : "Good. Let's start the lesson."

- The teacher asks the pupils some triggering questions.

Which one is the most expensive:

- Gold
- Silver
- Bronze
- b. Whilst-Instructional Activities
  - The teacher asks the pupils to listen to the teacher's description based on the picture series shown. (See p. 8)
  - The teacher asks the pupils to read the story by themselves. (See p.9)
  - The teacher asks the pupils about difficulties they face in comprehending the story.
  - The teacher asks the pupils to answer the exercise with true or false.
- c. Post-Instructional Activities
  - The teacher asks the pupils to answer the essay questions given.
  - The teacher reviews the previous lesson.

# **Students-teacher Learning Activities**

NO.	O. PROCEDURES SKILLS TEACHING LEARNING ACTIVITIES		NING ACTIVITIES	TIME	
			TEACHER	PUPILS	
l.	Greeting and	- Speaking	- Greets the pupils	- Reply the teacher's	1'
	Pre-Instructional			greeting	
	Activities	- Listening	- Asks the pupils some	- Listen to the teacher's	4'
		ļ	triggering questions orally	triggering questions	
		- Speaking		- Answer the teacher's	
				triggering questions orally	
2.	Whilst-Instructional	- Listening	- Asks the pupils to listen	- Listen to the teacher's	3'
	Activities		to the teacher's description	description based on the	,
			based on the picture series	picture series shown	
			shown		
		- Reading	- Asks the pupils to read	- Read the story by	10'
			the story by themselves	themselves	
		- Speaking	- Asks the pupils about	- Tell the difficulties they	5'
			difficulties they face in	face in comprehending the	
			comprehending the content	content of the story	
			of the story		
		- Writing	- Asks the pupils to answer	- Answer the exercise with	5'
			the exercise with true or	true or false	ļ
			false		
3.	Post-Instructional	- Writing	- Asks the pupils to answer	- Answer the essay questions	10'
ĺ	Activities		the essay questions given	given	
		- Listening	- Reviews the previous	- Listen to the teacher's	2,
Ì		}	lesson	review of the previous	
				lesson	}

## Students' answer worksheet

- 1. F 2. F 3. T
- 4. T 5. T

## Students' answer assessment

- 1. His little daughter and his gold
- 2. He wanted to have more gold
- 3. In the garden
- 4. To make a wish
- 5. A chair, a flower, and a table.
- 6. Very happy
- 7. When his food changed to gold
- 8. His daughter changed to gold too
- 9. Took back his wish
- 10. He was wiser and happier

APPENDIX V
Tables

Table I
The Calculation for Reliability of the Reading Comprehension Test

No. 1. 2.	X 15	X <sup>2</sup>
2.		225
	15	225 225 225 225 225 225 225 225 225 196
3	15	225
3. 4. 5. 6. 7.	15	225
5	15	225
5.	15	225
0.	15	225
7.	15	223
8.	15	ZZ5
9.	14	196
10.	14	196
11.	14	196
12.	14	196
13.	14	196
14.	14	196
15.	14	196
16.	13	169
9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.	15 15 15 15 15 15 15 15 14 14 14 14 14 14 13 13 13 13 12 12 12 12 11 11 11 10	196 196 196 196 196 196 169 169 169 144 144 144 121 121 121
18.	13	169
19.	13	169
20.	12	144
21.	12	144
22	12	144
23	12	144
24	11	121
25	11	121
26	11	121
27	10	100
28	10	100
29	9	81
30.	8	64
31	8	64
31.	8	64
31. 32. 33.	8	64 64 49
34.	7	40
35.	6	36
36.	6	36
<del></del>		
37.	5	25
38.	4	16
39.	4	16
40.	4	16
41.	3 3 2 1	9
42.	3	9
43.	2	4
44.		1
45.	_1	1
46.	0	0
Total	458	5542
N		16
Mean		95
f	0,9	056

Mean:

$$m = \frac{\sum x}{n}$$

$$= \frac{459}{46}$$

$$= 9.95$$

## Standard Deviation:

$$x^{2} = \sqrt{\frac{n.\sum x^{2} - (\sum x)^{2}}{n(n-1)}}$$

$$= \sqrt{\frac{46.5542 - 209764}{46(46-1)}}$$

$$= \sqrt{\frac{254932 - 209764}{2070}}$$

$$= \sqrt{\frac{45168}{2070}}$$

$$= \sqrt{21,82}$$

$$= 4,67$$

## Reliability:

$$r = \frac{N}{N-1} \left[ 1 - \frac{m(N-m)}{n \cdot x^2} \right]$$

$$= \frac{15}{15-1} \left[ 1 - \frac{9.95(15-9.95)}{15 \cdot 4.67^2} \right]$$

$$= \frac{15}{14} \left[ 1 - \frac{(9.95.5.05)}{15 \cdot 21.80} \right]$$

$$= 1.07 \left[ 1 - \frac{(50.2475)}{327,1335} \right]$$
r calculate

= 1.07 (1-0.153599)

= 1.07(0.846)

= 0.9056

r calculation is between the range of 0,800 - 1,000.

According to Gronlund, the test is very reliable if r calculation is between 0.800 - 1.000.

So, this test is reliable.

Table II
The Calculation of Item Difficulty and Item Discrimination

No.	Test Item															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Correct
1.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
2.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
3.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
4.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
5.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
6.	1	1	1	1	1	1	1	1	1	1	1	1	1	_1	1	15
7.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
8.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
9.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	14
10.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	14
11.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	14
12.	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	14
13.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	14
14.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	14
15.	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	14
16.	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	13
17.	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	13
18.	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	13
19.	1	1	1	0	1	1	1	0	1	1	1	1	1	1	_1	13
20.	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	12
21.	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	12
22.	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	12
23.	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	12
24.	1	1	0	0	1	1	1	1	0	1	1	1	1	0	1	11
25.	1	1	1	0	1	0	1	0	0	1	1	1	1	1	1	11
26.	1	1	0	1	1	1	1	0	1	1	0	1	ő	1	1	11
27.	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	10 10
28.	1	1	0	0	0	1	1	1	0	1	1		1	0		9
29.	1	1	0	0	0	1	1	0	1	1	1	0	1	0	0	8
30.	1	1	0	0	1	1	0	1	0		0	1 .	1	0	0	8
31. 32.	0	1	0	1	1	1	0	0	0	1	1	0	1	0	0	8
<del></del>	1	1	0	1		1	1	0	0	0	1	1	1	0	1	8
33.			0	0	0		0	0	0	0	1	1	1	1	1	7
34. 35.	0	1	0	0	0	0	0	0	a	0	1	0	1	1	1	6
	1	1	0		0	1	1	0	0	0	1	1	0	0	0	6
36. 37.	0	1	0	0	1	0	0	C	1	0	0	1	0	0	1	5
37.	00	1	0	0	0	1	0	0	0	0	1	0	0	0	1	4
39.	0	0	0	0	1	1	0	0	0	0	1	1	0	0	Ö	4
40.	1	0	0	Ü	1	Ö	0	0	0	0	1	1	0	0	0	4
41.	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
42.	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
43.	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
44.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
45.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
46.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	36	40	20	23	31	39	29	22	14	31	36	37	32	26	32	-
Correct Up	22	23	19	20	21	23	20	18	20	23	23		22	20	21	
Correct Low	14	17	1	3	10	16	9	4	4	8	13	14	10	6	11	
I. Diff					0,67		<u>├</u>							0,57		
1. Disc	,			1	0,48	ì	ì	ì	ſ	ł	ſ	Í	(	0.61	0.43	
. 1. 0130	0,34	0,26	0,78	0,74	10,40	0,50	0,40	10,01	L-0,1	. 0,03	10.75	, 5,50	1 -,02	1 -, -,		:

## **Item Difficulty**

$$F.V = \underline{R}$$

Where: F.V = the difficulty index

R = the number of correct answers

N = the number of students taking the test

#### The criteria are:

$$0,00-0,14$$
 Very difficult

$$0,15-0,29$$
 Difficult

$$0,30-0,70$$
 Acceptable

$$0,71 - 0,85$$
 Easy

$$0,86 - 1,00$$
 Very easy

## <u>Item Discrimination</u>

$$D = \underbrace{Correct\ U - correct\ L}_{n}$$

Where: D = Discrimination index

n = 50 % of the testees

U = the number of upper group testees who gave correct answer

L = the number of lower group testees who gave correct answer

The criterions of discriminating power are:

$$-1,00-0,19$$
 Low

$$0.20 - 0.39$$
 Satisfactory

$$0.40 - 1,00$$
 Very effective

Table III
The Score of Class A

1.         2         10         8         5,46         29,81           2.         6         4         -2         -4,54         20,61           3.         8         9         1         -1,54         2,37           4.         1         6         5         2,46         6,05           5.         9         10         1         -1,54         2,37           6.         8         8         0         -2,54         6,45           7.         8         10         2         -0,54         0,29           8.         8         8         0         -2,54         6,45           9.         1         10         9         6,46         41,73           10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8	No.	Pre-test	Post-test	d	D-D	(d – d) <sup>2</sup>
2.         6         4         -2         -4,54         20,61           3.         8         9         1         -1,54         2,37           4.         1         6         5         2,46         6,05           5.         9         10         1         -1,54         2,37           6.         8         8         0         -2,54         6,45           7.         8         10         2         -0,54         0,29           8.         8         8         0         -2,54         6,45           9.         1         10         9         6,46         41,73           10.         7         7         0         -2,54         6,45           9.         1         10         9         6,46         41,73           10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0 <td< td=""><td>1.</td><td></td><td></td><td></td><td></td><td></td></td<>	1.					
3.         8         9         1         -1,54         2,37           4.         1         6         5         2,46         6,05           5.         9         10         1         -1,54         2,37           6.         8         8         0         -2,54         6,45           7.         8         10         2         -0,54         0,29           8.         8         8         0         -2,54         6,45           9.         1         10         9         6,46         41,73           10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,26         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9	2.	<del></del>	<del></del>		-4 54	20,61
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0		8			-1 54	2 37
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0	4.	1			246	6.05
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0	5.	9			-1 54	2 37
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0	6.	8	<del></del>		-2.54	6.45
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0	7.	8	10		-0.54	0.70
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0			<del></del>		-2.54	6.45
10.         7         7         0         -2,54         6,45           11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0	9.	1	10		6.46	41 73
11.         7         9         2         -0,54         0,29           12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5	10.	7	7		-2 54	
12.         3         10         7         4,46         19,89           13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         <	11.	7	9			0,10
13.         2         6         4         1,46         2,13           14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4 <t< td=""><td>12.</td><td>3</td><td>10</td><td>7</td><td>4.46</td><td>19.89</td></t<>	12.	3	10	7	4.46	19.89
14.         0         5         5         2,46         6,05           15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0 <td< td=""><td>13.</td><td>2</td><td>6</td><td>4</td><td></td><td></td></td<>	13.	2	6	4		
15.         8         9         1         -1,54         2,37           16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4 <t< td=""><td>14.</td><td></td><td></td><td></td><td></td><td></td></t<>	14.					
16.         6         8         2         -0,54         0,29           17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         <	15.	8		<del></del>	-1 54	
17.         9         9         0         -2,54         6,45           18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         <	16.				-0.54	0.29
18.         1         3         2         -0,54         0,29           19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         <					-2.54	6.45
19.         7         6         -1         -3,54         12,53           20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0 <t< td=""><td></td><td></td><td></td><td><del></del></td><td>-0.54</td><td></td></t<>				<del></del>	-0.54	
20.         6         8         2         -0,54         0,29           21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7		7		-1	-3.54	12.53
21.         8         9         1         -1,54         2,37           22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1						0.29
22.         0         3         3         0,46         0,21           23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7 <td< td=""><td></td><td></td><td></td><td>1</td><td></td><td>2.37</td></td<>				1		2.37
23.         9         9         0         -2,54         6,45           24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
24.         1         5         4         1,46         2,13           25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>6.45</td></td<>						6.45
25.         5         9         4         1,46         2,13           26.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           40.         9 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>2 13</td></t<>						2 13
25.         0         2         2         -0,54         0,29           27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         <						2 13
27.         4         7         3         0,46         0,21           28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9			2	2	-0.54	0.29
28.         9         10         1         -1,54         2,37           29.         4         8         4         1,46         2,13           30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2			7	3		0.21
29.       4       8       4       1,46       2,13         30.       6       8       2       -0,54       0,29         31.       0       7       7       4,46       19,89         32.       0       7       7       4,46       19,89         33.       7       8       1       -1,54       2,37         34.       2       7       5       2,46       6,05         35.       1       10       9       6,46       41,73         36.       7       9       2       -0,54       0,29         37.       0       5       5       2,46       6,05         38.       7       8       1       -1,54       2,37         39.       4       4       0       -2,54       6,45         40.       9       10       1       -1,54       2,37         41.       9       9       0       -2,54       6,45         42.       2       5       3       0,46       0,21         43.       8       8       0       -2,54       6,45         44.       8       9       1       <		9		1	-1.54	2.37
30.         6         8         2         -0,54         0,29           31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8						2 13
31.         0         7         7         4,46         19,89           32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1		6			-0.54	0.29
32.         0         7         7         4,46         19,89           33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         <				7		
33.         7         8         1         -1,54         2,37           34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         <						
34.         2         7         5         2,46         6,05           35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         <		7				
35.         1         10         9         6,46         41,73           36.         7         9         2         -0,54         0,29           37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29					2 46	
36.     7     9     2     -0,54     0,29       37.     0     5     5     2,46     6,05       38.     7     8     1     -1,54     2,37       39.     4     4     0     -2,54     6,45       40.     9     10     1     -1,54     2,37       41.     9     9     0     -2,54     6.45       42.     2     5     3     0,46     0,21       43.     8     8     0     -2,54     6,45       44.     8     9     1     -1,54     2,37       45.     1     4     3     0,46     0,21       46.     7     8     1     -1,54     2,37       47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29	35.					41 73
37.         0         5         5         2,46         6,05           38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6.45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29						
38.         7         8         1         -1,54         2,37           39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6.45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29		0				
39.         4         4         0         -2,54         6,45           40.         9         10         1         -1,54         2,37           41.         9         9         0         -2,54         6,45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29						
40.       9       10       1       -1,54       2,37         41.       9       9       0       -2,54       6.45         42.       2       5       3       0,46       0,21         43.       8       8       0       -2,54       6,45         44.       8       9       1       -1,54       2,37         45.       1       4       3       0,46       0,21         46.       7       8       1       -1,54       2,37         47.       6       8       2       -0,54       0,29         48.       2       4       2       -0,54       0,29	$\rightarrow$					
41.         9         9         0         -2,54         6.45           42.         2         5         3         0,46         0,21           43.         8         8         0         -2,54         6,45           44.         8         9         1         -1,54         2,37           45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29						2.37
42.     2     5     3     0,46     0,21       43.     8     8     0     -2,54     6,45       44.     8     9     1     -1,54     2,37       45.     1     4     3     0,46     0,21       46.     7     8     1     -1,54     2,37       47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29						
43.     8     8     0     -2,54     6,45       44.     8     9     1     -1,54     2,37       45.     1     4     3     0,46     0,21       46.     7     8     1     -1,54     2,37       47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29						
44.     8     9     1     -1,54     2,37       45.     1     4     3     0,46     0,21       46.     7     8     1     -1,54     2,37       47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29						
45.         1         4         3         0,46         0,21           46.         7         8         1         -1,54         2,37           47.         6         8         2         -0,54         0,29           48.         2         4         2         -0,54         0,29						
46.     7     8     1     -1,54     2,37       47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29						
47.     6     8     2     -0,54     0,29       48.     2     4     2     -0,54     0,29						
48. 2 4 2 -0,54 0,29						
		233	355	$\sum d = 122$	/	$\sum (d - \vec{d})^2 = 317,84$

Table IV
The Score of Class B

No.	Pre-test	Post-test	d	_d-₫	$(d-\overline{d})^2$
1.	0	6	6	4,864	23,658
2.	9	9	0	-1,136	1,29
3.	3	4	1	-0,136	0,018
4.	7	7	0	-1,136	1,29
5.	5	7	2	0,864	0,746
6.	9	9	0	-1,136	0,746 1,29
7.	7	5	-2	-3,136	9,83
8.	2	3	1	-0,136	0,018
9.	8	9	1	-0,136	0,018
10.	9	9	0	-1,136	1,29
11.	3	0	-3	-4,136	17,106
12.	3	5	2	0,864	U,7 <b>4</b> 6
13.	3	3	0	-1,136	1,29
14.	9	8	-1	-2,136	4,56
15.	3	2	-1	-2,136	4,56
16.	6	8	2	0,864	0,746
17.	3	3	0	-1,136	1,29
18. 19.	6 5	8	2	0,864	0,746
20.	3	9	4	2,864	8,2
21.	10	9	-2 -1	-3,136	9,83
22.	5	4	-1 -1	-2,136	4,56
23.	4	7	3	-2,136 1,864	4,56
24.	1	4	3	1,864	3,47 3,47
25.	6	10	4	0,864	9.7
26.		4	2	1,864	8,2 0,746
27.	2	6	3	1,864	3,47
28.	2	5	3	0,864	3,47
29.	2	4	2	0,864	0,746
30.	8	9	1	-0,136	0,018
31.	9	10	1	-0,136	0,018
32.	8	8	0	-1,136	1,29
33.	2	5	3	1,864	3,47
34.	7	7	0	-1,136	1,29
35.	1	3	2	0,864	0,746
36.	10	10	0	-1,136	1,29
37.	6	7	1	-0,136	0,018
38.	3	7	4	2,864	8,2
39.	3	4	1	-0,136	0,018
40.	10	8	-2	-3,136	9,83
41	6	8	2	0,864	0,746
42.	2	5	3	1,864	3,47
43.	3	7	4	2,864	8,2
44.	2	2	0	-1,136	1,29
	240	200	<b>5</b> 4 - 60	Ì	$\sum (d - \overline{d})^2 =$
	218	268	$\Sigma d = 50$		161,1

Table V Critical Value

df	t.100	t.050	t.025	t.010	t.005
1	3,078	6,314	12,706	31,821	63,657
2	1,886	2,920	4,303	6,965	9,925
3	1,638	2,353	3,182	4,541	5,841
4	1,533	2,132	2,776	3,747	4,604
5	1,476	2,015	2,571	3,365	4,032
6	1,440	1,943	2,447	3,143	3,707
7	1,418	1,895	2,365	2,998	3,499
8	1,397	1,860	2,306	2,896	3,355
9	1,383	1,833	2,620	2,821	3,250
10	1,372	1,812	2,228	2,764	3,169
11	1,363	1,796	2,201	2,718	3,106
12	1,358	1,782	2,179	2,681	3,055
13	1,350	1,771	2,168	2,650	3,012
14	1,345	1,761	2,145	2,624	2,977
15	1,341	1,753	2,131	2,602	2,947
16	1,337	1,746	2,120	2,583	2,921
17	1,333	1,740	2,110	2,567	2,898
18	1,331	1,734	2,101	2,552	2,878
19	1,328	1,729	2,093	2,639	2,861
_20	1,325	1,725	2,086	2,528	2,845
21	1,323	1,721	2,080	2,518	2,851
22_	1,321	1,717	2,074	2,508	2,819
23	1,319	1,714	2,069	2,500	2,807
24	1,318	1,711	2,064	2,492	2,797
25	1,316	1,708	2,060	2,485	2,787
26	1,315	1,706	2,042	2,457	2,779
27	1,314	1,703	2,052	2,473	2,771
28	1,313	1,701	2,048	2,467	2,763
29	1,311	1,699	2,045	2,462	2,756
30	1,310	1,697	2,042	2,457	2,750
∞	1,309	1,645	1,960	2,326	2,576

APPENDIX VI
Test of Hypothesis

# CALCULATION FOR TWO MEANS SCORE (VIA and VIB) (SUB-SUMMATIVE)

#### **TEST OF HYPOTHESIS:**

1.  $H_0: \mu_A = \mu_B$ 

Ha:  $\mu_A > \mu_B$ 

H<sub>o</sub>: There is no significant difference in the academic competence between the pupils of class VIA and class VIB.

Ha: There is significant difference in the academic competence between the pupils of class VIA and class VIB.

2. Calculation for x, S and to

The mean difference between Post-test and Pre-test:

$$x_{A} = \sum_{n} x_{A} = 7.8$$
  $x_{B} = \sum_{n} x_{B} = 7.9$ 

The standard deviation:

$$S_{A} = \sqrt{\frac{n. \Sigma x^{2} (\Sigma x)^{2}}{n(n-1)}} = 2,557$$
 $S_{B} = \sqrt{\frac{n. \Sigma x^{2} (\Sigma x)^{2}}{n(n-1)}} = 2,572$ 

The standard score:

$$t_{0} = \frac{\overline{XA - XB}}{\sqrt{\frac{(n_{A}-1). S_{A}^{2} + (n_{B}-1). S_{B}^{2}}{n_{A} + n_{B} - 2}}} = 0,1949$$

3. t-test, where df =  $n_A + n_B - 2 = 94$ 

$$t(0.05;94) = \pm 1.645$$

4. Criteria to accept or to reject the Ho:

H<sub>0</sub> is accepted if to < 1.645H<sub>0</sub> is rejected if to  $\ge 1.645$ 

5. Conclusion:

Because to  $\geq 1.645 = 0,1949 \geq 1.645$ ; so H<sub>0</sub> is accepted and Ha is rejected. We can conclude that there is no significant difference in the academic competence between the pupils of class VIA and VIB.

# CALCULATION FOR TWO MEANS SCORE (VIB and VIC) (SUB-SUMMATIVE)

#### TEST OF HYPOTHESIS:

1.  $H_0$ :  $\mu_B = \mu_C$ 

Ha:  $\mu_B > \mu_C$ 

H<sub>o</sub>: There is no significant difference in the academic competence between the pupils of class VIB and class VIC.

Ha: There is significant difference in the academic competence between the pupils of class VIB and class VIC.

2. Calculation for x, S and to

The mean difference between Post-test and Pre-test:

$$\overline{XB} = \underline{\sum x}_{n} = 7.9$$
  $\overline{XC} = \underline{\sum x}_{n} = 7.7$ 

The standard deviation:

SB = 
$$\sqrt{\frac{n. \Sigma x^{2} (\Sigma x)^{2}}{n(n-1)}}$$
 = 2,572 SC =  $\sqrt{\frac{n. \Sigma x^{2} (\Sigma x)^{2}}{n(n-1)}}$  = 2,542

The standard score:

$$t_{0} = \frac{x_{B} - x_{C}}{\sqrt{\frac{(n_{B}-1). S_{B}^{2} + (n_{C}-1). S_{C}^{2}}{n_{B} + n_{C} - 2}}} = 0,765$$

3. t-test, where df =  $n_B + n_C - 2 = 94$ 

$$t(0.05;94) = \pm 1.645$$

4. Criteria to accept or to reject the Ho:

H<sub>0</sub> is accepted if to < 1.645H<sub>0</sub> is rejected if to  $\ge 1.645$ 

5. Conclusion:

Because to  $\geq 1.645 = 0.765 \geq 1.645$ ; so H<sub>0</sub> is accepted and Ha is rejected. We can conclude that there is no significant difference in the academic competence between the pupils of class VIB and VIc.

### CALCULATION FOR TWO MEANS SCORE (VIA and VIC) (SUB-SUMMATIVE)

#### **TEST OF HYPOTHESIS:**

1.  $H_0: \mu_A = \mu_C$ 

Ha:  $\mu_A > \mu_C$ 

Ho: There is no significant difference in the academic competence between the pupils of class VIA and class VIC.

Ha: There is significant difference in the academic competence between the pupils of class VIA and class VIC.

2. Calculation for x, S and to

The mean difference between Post-test and Pre-test:

$$x_{A} = \sum_{n} x_{A} = 7.8$$
  $x_{C} = \sum_{n} x_{C} = 7.7$ 

$$\frac{-}{xC} = \sum_{n} x = 7.7$$

The standard deviation:

$$S_A = \sqrt{\frac{n. \ \Sigma x^2 \ (\Sigma x)^2}{n(n-1)}} = 2,557$$
  $S_C = \sqrt{\frac{n. \ \Sigma x^2 \ (\Sigma x)^2}{n(n-1)}} = 2,542$ 

$$S_{C} = \sqrt{\frac{n. \sum x^{2} (\sum x)^{2}}{n(n-1)}} = 2,542$$

The standard score:

$$t_{o} = \frac{\overline{x_{A} - x_{C}}}{\sqrt{\frac{(n_{A}-1). S_{A}^{2} + (n_{C}-1). S_{C}^{2}}{n_{A} + n_{C} - 2}}} = 0.2$$

3. t-test, where df = nA + nC - 2 = 94

$$t(0.05;94) = \pm 1.645$$

4. Criteria to accept or to reject the Ho:

He is accepted if to < 1.645H<sub>0</sub> is rejected if  $to \ge 1.645$ 

5. Conclusion:

Because to  $\geq 1.645 = 0.2 \geq 1.645$ ; so H<sub>0</sub> is accepted and Ha is rejected. We can conclude that there is no significant difference in the academic competence between the pupils of class VIA and VIc.

# CALCULATION FOR TWO MEANS SCORE (VIA and VIB) (EXPERIMENT)

#### TEST OF HYPOTHESIS:

1.  $H_0$ :  $\mu_A = \mu_B$  There is no significant difference between class VIA and VIB.

Ha:  $\mu_A \neq \mu_B$  There is significant difference between class VIA and VIB.

2. Calculation for d, S and to

The mean difference between Post-test and Pre-test:

$$\overline{dA} = \underbrace{\sum d}_{n}$$

$$= \underbrace{122}_{48}$$

$$= 2.54$$

$$= \underbrace{50}_{44}$$

$$= 1.136$$

The standard deviation:

$$S_{A} = \sqrt{\frac{\sum (d_{i} - \overline{d})^{2}}{n - 1}}$$

$$= 2.6$$

$$S_{B} = \sqrt{\frac{\sum (d_{i} - \overline{d})^{2}}{n - 1}}$$

$$= 1.9356$$

The standard score:

$$t_{o} = \frac{\overline{d}_{A} - \overline{d}_{B}}{\sqrt{\frac{(n_{A}-1). S_{A}^{2} + (n_{B}-1). S_{B}^{2}}{n_{A} + n_{B} - 2}} \cdot \left[ \frac{1}{n_{A}} + \frac{1}{n_{B}} \right]}$$

$$= 2.9458$$

3.  $\alpha = 5\%$ , two-tailed test  $\alpha/2 = 0.025$ 

$$df = n_A + n_B - 2$$

$$= 48 + 44 - 2$$

$$= 90$$

$$t(0.025;90) = \pm 1.960$$

# 4. Criteria to accept or to reject the Ho:

Ho is accepted if -1.960 < to < 1.960Ho is rejected if to  $\le -1.960$  or to  $\ge 1.960$ 

#### 5. Conclusion:

Because to  $\geq 1.960 = 2.9458 \geq 1.960$ ; so H<sub>0</sub> is rejected and Ha is accepted. We can conclude that there is significant difference between class VI<sub>A</sub> and VI<sub>B</sub>.

The standard deviation:

$$S = \sqrt{\frac{\sum (d - d)^2}{n - 1}}$$

where:

S = standard deviation

n =the number of the subject

d = the difference between post test and pre test score.

d =the mean of d

The standard deviation A:

$$S_{A} = \sqrt{\frac{\sum (d - \overline{d})^{2}}{n - 1}}$$

$$= \sqrt{\frac{317.84}{48 - 1}}$$

$$= \sqrt{\frac{317.84}{47}}$$

$$= \sqrt{\frac{6.76}{6.76}}$$

$$= 2.6$$

The standard deviation B:

$$S_{B} = \sqrt{\frac{\sum (d - d)^{2}}{n - 1}}$$

$$= \sqrt{\frac{161.108}{44 - 1}}$$

$$= \sqrt{\frac{161.108}{43}}$$

$$= \sqrt{3.746}$$

$$= 1.9356$$

# The sample data give:

$$\overline{d}_A = 2.542$$

$$d_B = 1.136$$

$$S_A = 2.6$$

$$S_B=1.9356$$

$$n_A = 48$$

$$n_B = 44$$

$$t_{o} = \frac{\overline{d}_{A} - \overline{d}_{B}}{\sqrt{\frac{(n_{A}-1). S_{A}^{2} + (n_{B}-1). S_{B}^{2}}{n_{A} + n_{B} - 2}} \cdot \frac{1}{n_{A}} + \frac{1}{n_{B}}}$$

$$= \frac{2,54 - 1,136}{\sqrt{\frac{(48-1).\ 2,6^2 + (44-1).\ 1,9356^2}{48+44-1} \cdot \left(\frac{1}{48} + \frac{1}{44}\right)}}$$

$$\frac{1,404}{\sqrt{\frac{47.6,76+43.3,746}{90} \cdot \left[0,02+0,0227\right]}}$$

$$\frac{1,404}{\sqrt{\frac{317,72+161,078}{90}}}$$
0,0427

$$= \frac{1,404}{\sqrt{\frac{478,798}{90} \cdot (0,0427)}}$$

$$= \frac{1,404}{\sqrt{0,227}}$$

APPENDIX VII
Some Pupils' Worksheet

### The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

The man tried and tried to teach the parrot to say "Catano". But the bird would not say the word. At first the man was very nice, but then he got angry. "You stupid bird! Why can't you say that word? Say 'Catano" or I'll kill you!" But the parrot would not say it. Then the man got so angry that he shouted over and over, "Say 'Catano" or I'll kill you". But the bird wouldn't talk.

One day, after trying for many hours to make the bird say "Catano", the man got very, very angry. He picked up the bird and threw him into the chicken house. "You are more stupid than the chickens. Soon I will eat them, and I will eat you, too".

In the chicken house there were four old chickens. They were for Sunday's dinner. The man put the parrot in the chicken house and left.

The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

## Experiment Group I (pre)

Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
- 6. What did the man want to do with the chickens?
- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answers:

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$\sqrt{2}$ .	The man give an interest to remove to the contract to the Distance
36.	Bur the vice would be talk.
<b>\( \sqrt{4}.</b>	to more got very very many
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,	They work for Sunday Carpon
7.	They are not to stary they to pass the old were self-
, ,	The foutth.
8	He saw three dead chickers on the sloor
10.	yes .

# Experiment 60000 I (post)

#### Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
- 6. What did the man want to do with the chickens?
- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answer:

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the man triping to the parrot to say. Dotom
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the parrot.

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Class	:_	<i>3A</i> ⋅	

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## The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

The man tried and tried to teach the parrot to say "Catano". But the bird would not say the word. At first the man was very nice, but then he got angry. "You stupid bird! Why can't you say that word? Say 'Catano" or I'll kill you!" But the parrot would not say it. Then the man got so angry that he shouted over and over, "Say 'Catano" or I'll kill you". But the bird wouldn't talk.

One day, after trying for many hours to make the bird say "Catano", the man got very, very angry. He picked up the bird and threw him into the chicken house. "You are more stupid than the chickens. Soon I will eat them, and I will eat you, too".

In the chicken house there were four old chickens. They were for Sunday's dinner. The man put the parrot in the chicken house and left.

The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

# Experiment Group II (pre)

Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
- 6. What did the man want to do with the chickens?
- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

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7.	For the Mr. Alexander of a more
8.	The fourth chieven I . The said
9.	
18.	•

# Experiment Group II (post)

Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
- 6. What did the man want to do with the chickens?
- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answer:	
√1.	theman tried to theparrot to say latane
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√7.	the man put the parrot in the charantouse
<b>√</b> 8.	() ne Chikeh
√9.	He was very surprice
✓ 10.	theparrot.

Name	: Ula	ndy	
No.	: 9		
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## The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

The man tried and tried to teach the parrot to say "Catano". But the bird would not say the word. At first the man was very nice, but then he got angry. "You stupid bird! Why can't you say that word? Say 'Catano" or I'll kill you!" But the parrot would not say it. Then the man got so angry that he shouted over and over, "Say 'Catano" or I'll kill you". But the bird wouldn't talk.

One day, after trying for many hours to make the bird say "Catano", the man got very, very angry. He picked up the bird and threw him into the chicken house. "You are more stupid than the chickens. Soon I will eat them, and I will eat you, too".

In the chicken house there were four old chickens. They were for Sunday's dinner. The man put the parrot in the chicken house and left.

The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

# Control Group I (pre)

## Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
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- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answers:
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7. Say Kataro on I'll Killylev.
8. He opened the daar.
s. and I will got sev Too
yo. The parat at the facult chiles

# Control Frous I (Post)

## Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
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- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

No.

Class

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V6. He will pat them	Arwood
8. Part	
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Name : Work 15	

Name: Stephanus C.J Class N. VI B/22

## The Story of the Smart Parrot

A man in Puerto Rico had a wonderful parrot. There was no other parrot like him. He was very, very smart. This parrot could say any word—except one. He could *not* say the name of the town where he was born. The name of that town was Catano.

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The next day, the man came back to the chicken house. He opened the door and stopped. He was very surprised at what he saw!

He saw three dead chickens on the floor. The parrot was screaming at the fourth chicken, "Say 'Catano" or I'll kill you!

# Control Group II (pre)

## Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
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- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answei	rs:
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8.	the parcet a cities coming of the court is beken
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# Control Group II (post)

## Answer these following questions in short.

- 1. Why was the parrot so wonderful?
- 2. What did the man try to do to the parrot?
- 3. The parrot wouldn't say it (paragraph 2). What word wouldn't the parrot say?
- 4. How did the man feel after trying for many hours to make the bird say "Catano"?
- 5. What will the man do to the parrot if the parrot would not say the word?
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- 7. Where did the man put the parrot after he got angry?
- 8. How many chickens were still alive?
- 9. How did the man feel after he saw some dead chickens on the floor?
- 10. Who killed the chickens?

Answer	•	2 9
A.	Hewas "My Smoth"	X Z
<b>1</b> 2.	Teach the parrot to say "Calcara"	A M M M
<b>√</b> 3.	Catono	H 20
√4.	anary.	K C
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$\sqrt{10}$ .	the barrot.	
√ 10. <sub>.</sub>	THE POLITICE.	

Name	: X(ephanus
No.	22
Class	: <u>VI <sup>B</sup></u>

7.