

APPENDICES

Lesson Plan 2nd Treatment (Control Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Reading, Writing
Language Components	:	Vocabulary
Topic	:	Hobbies
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about hobbies.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say correctly the words pointed.

Reading

- Students are able to read the words pointed.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Grammar Translation

Technique : Words-List

Class Activities :

1. The teacher introduced the first vocabulary with the translation.
2. The teacher gave examples how to pronounce the word.
3. The teacher asked students to repeat the vocabulary.
4. When all the students were confidently responding to the vocabulary, the teacher introduced the other vocabulary in the same way.
5. The teacher rotated the vocabulary at random.
6. The teacher asked the students to read the vocabulary at random together.
7. The teacher asked some students to read the vocabulary individually in front of the class.
8. All of the students read the vocabulary aloud together.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to read words mentioned.

Media :

- Students' worksheet

Lesson Plan 3rd Treatment (Control Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Reading, Writing
Language Components	:	Vocabulary
Topic	:	Transportation
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about transportation.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say correctly the words pointed.

Reading

- Students are able to read the words pointed.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Grammar Translation

Technique : Words-List

Class Activities :

1. The teacher introduced the first vocabulary with the translation.
2. The teacher gave examples how to pronounce the word.
3. The teacher asked students to repeat the vocabulary.
4. When all the students were confidently responding to the vocabulary, the teacher introduced the other vocabulary in the same way.
5. The teacher rotated the vocabulary at random.
6. The teacher asked the students to read the vocabulary at random together.
7. The teacher asked some students to read the vocabulary individually in front of the class.
8. All of the students read the vocabulary aloud together.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to read words mentioned.

Media :

- Students' worksheet

Lesson Plan 1st Treatment (Experimental Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Writing
Language Components	:	Vocabulary
Topic	:	Feelings
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about feelings.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say the correct words based on the performance.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Total Physical Response

Technique : Using Commands to Direct Behavior

Class Activities :

1. The teacher gave a vocabulary in English and performed it with students.
2. The teacher gave the vocabulary quite quickly.
3. The teacher sat down and issued vocabulary to the volunteers.
4. The teacher directed other students instead of the volunteers.
5. The teachers introduced new vocabulary after the volunteers had been mastered previous vocabulary.
6. The teacher changed the order of the vocabulary.
7. When students made an error, the teacher repeated the vocabulary while acting it out.
8. The teacher wrote the vocabulary on the whiteboard.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to perform feelings mentioned.

- Media :**
- Students' worksheet

Lesson Plan 2nd Treatment (Experimental Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Writing
Language Components	:	Vocabulary
Topic	:	Hobbies
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about hobbies.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say the correct words based on the performance.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Total Physical Response

Technique : Using Commands to Direct Behavior

Class Activities :

1. The teacher gave a vocabulary in English and performed it with students.
2. The teacher gave the vocabulary quite quickly.
3. The teacher sat down and issued vocabulary to the volunteers.
4. The teacher directed other students instead of the volunteers.
5. The teachers introduced new vocabulary after the volunteers had been mastered previous vocabulary.
6. The teacher changed the order of the vocabulary.
7. When students made an error, the teacher repeated the vocabulary while acting it out.
8. The teacher wrote the vocabulary on the whiteboard.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to perform feelings mentioned.

- Media :**
- Students' worksheet

Lesson Plan 3rd Treatment (Experimental Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Writing
Language Components	:	Vocabulary
Topic	:	Transportation
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about transportation.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say the correct words based on the performance.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Total Physical Response

Technique : Using Commands to Direct Behavior

Class Activities :

1. The teacher gave a vocabulary in English and performed it with students.
2. The teacher gave the vocabulary quite quickly.
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7. When students made an error, the teacher repeated the vocabulary while acting it out.
8. The teacher wrote the vocabulary on the whiteboard.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to perform feelings mentioned.

- Media :**
- Students' worksheet

Reliability

First try-out

No	Student	Multiple Choice										Total
		Number of questions										
		1	2	3	4	5	6	7	8	9	10	
1	2	1	1	1	1	1	1	1	1	1	1	10
2	4	1	1	1	1	1	1	1	1	1	1	10
3	7	1	1	1	1	1	1	1	1	1	1	10
4	11	1	1	1	1	1	1	1	1	1	1	10
5	20	1	1	1	1	1	1	1	1	1	1	10
6	6	1	1	1	1	1	1	1	0	1	1	9
7	8	1	1	1	1	1	1	0	1	1	1	9
8	13	1	1	0	1	1	1	1	1	1	1	9
9	1	1	1	0	1	0	1	1	1	1	1	8
10	9	1	1	0	1	1	1	0	1	1	1	8
11	14	1	1	0	1	1	1	0	1	1	1	8
12	16	1	1	0	1	0	1	1	1	1	1	8
13	17	1	1	1	1	1	1	0	1	0	1	8
14	18	1	1	0	1	0	1	1	1	1	1	8
15	5	1	1	1	1	0	1	0	1	0	1	7
16	10	0	0	0	1	1	1	1	1	1	1	7
17	21	1	1	1	1	1	1	0	0	0	1	7
18	12	0	0	0	1	0	1	1	1	1	1	6
19	15	1	0	0	0	1	1	0	1	1	1	6
20	3	1	1	0	0	0	1	0	1	0	1	5
21	19	1	1	0	1	0	1	0	0	0	0	4
												167

Mean = $167:21=7.95 \rightarrow 8$

d	d2	x	f	fx
2	4	10	5	50
2	4	9	3	27
2	4	8	6	48
2	4	7	3	21
2	4	6	2	12
1	1	5	1	5
1	1	4	1	4
1	1			167
0	0			
0	0			
0	0			
0	0			
0	0			
0	0			
0	0			
-1	1			
-1	1			
-1	1			
-2	4			
-2	4			
-3	9			
-4	16			
-1	59			

middle

Name: _____

Date: _____

Grade: _____

Feelings

Write the feelings based on the pictures!



She is _____



I am _____



He is _____



I am _____

Guess the feelings!

1. _ _ g _ y

2. f _ i _ h _ _ n _ d

3. _ _ p _ y

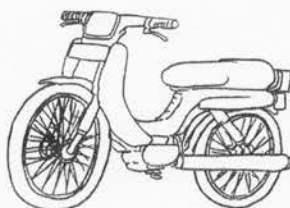
4. _ _ a _

Name: _____

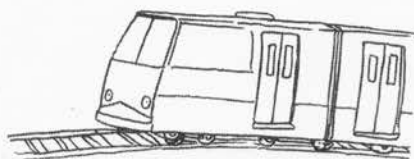
Grade: _____

Date: _____

I have a _____



m _ t _ r c _ c _ e



_ r a _ n



p _ _ n _



_ i k _



_ _ a t



_ _ _ _

Name: _____

Date: _____

Grade: _____

Complete the sentences using the words in the box.

eating

reading newspaper

watching television

sleeping

1.



I like _____

2.



My big sister likes _____

3.



My little sister likes _____

4.



My daddy likes _____

Name: _____

Date: _____

Class: _____

What is their hobby?



My dad likes _____



I like _____



My mommy likes _____



My big brother likes _____



My little brother likes _____

Pre-test of Control Group

Student	Multiple Choice										Total
	Number of questions										
	1	2	3	4	5	6	7	8	9	10	
1	0	0	0	0	1	1	0	0	0	0	2
2	0	0	0	0	0	0	1	0	1	1	3
3	1	0	1	0	0	0	1	0	1	0	4
4	0	1	1	0	0	0	1	0	1	0	4
5	0	1	1	0	1	0	0	0	1	1	5
6	0	1	0	1	1	1	0	0	1	0	5
7	1	1	1	0	0	0	1	0	1	0	5
8	0	0	0	1	1	0	1	0	1	1	5
9	0	1	0	0	1	1	0	1	1	1	6
10	1	1	1	0	0	0	0	1	1	1	6
11	1	1	1	0	0	1	0	1	0	1	6
12	0	0	1	1	0	1	0	1	1	1	6
13	0	0	1	1	0	1	0	1	1	1	6
14	0	1	1	1	1	1	0	0	1	1	7
15	1	1	1	0	0	1	1	0	1	1	7
16	1	1	1	0	0	1	0	1	1	1	7
17	1	1	1	0	0	1	1	0	1	1	7
18	1	1	1	0	0	1	0	1	1	1	7
19	1	1	1	0	0	0	1	1	1	1	7
20	1	1	1	0	0	1	1	0	1	1	7
21	0	0	1	1	1	1	1	1	0	1	7
22	1	1	1	1	1	1	1	1	1	1	10
											129

d	d ²
-4	16
-3	9
-2	4
-2	4
-1	1
-1	1
-1	1
-1	1
0	0
0	0
0	0
0	0
0	0
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
4	16
-3	61

$$\text{mean} = 129 : 22 = 5,86$$

$$s.d. = \sqrt{\frac{\sum d^2}{N}}$$

$$sd = \sqrt{61/22} = 1,66$$

Pre-test of Experimental Group

Student	Multiple Choice										Total
	Number of questions										
	1	2	3	4	5	6	7	8	9	10	
1	0	0	0	0	1	1	1	0	0	0	3
2	1	0	0	1	0	0	1	1	0	0	4
3	0	1	1	0	0	1	0	1	0	1	5
4	1	1	0	1	0	0	1	0	1	1	6
5	0	1	0	1	1	1	0	0	1	1	6
6	1	1	0	1	1	0	1	0	1	0	6
7	1	0	1	0	1	0	1	0	1	1	6
8	1	0	0	1	0	0	1	1	1	1	6
9	0	0	1	1	1	1	1	0	0	1	6
10	1	1	1	0	0	1	0	1	1	0	6
11	1	1	0	0	0	1	1	1	1	1	7
12	1	1	1	1	0	1	0	0	1	1	7
13	1	1	1	0	0	1	0	1	1	1	7
14	1	1	1	0	0	1	1	1	0	1	7
15	1	1	1	0	1	0	1	0	1	1	7
16	1	1	1	0	0	1	1	1	0	1	7
17	1	1	1	0	1	1	1	0	1	0	7
18	1	1	1	0	1	0	1	1	0	1	7
19	1	0	1	1	1	0	1	1	1	1	8
20	1	1	1	1	1	0	1	1	0	1	8
21	1	1	1	1	0	1	1	1	1	1	9
22	1	1	1	1	1	1	1	1	1	1	10
											145

d	d2
-4	16
-3	9
-2	4
-1	1
-1	1
-1	1
-1	1
-1	1
-1	1
-1	1
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
1	1
1	1
2	4
3	3
-9	45

$$\text{mean} = 145,22 = 6,59$$

$$s.d. = \sqrt{\frac{\sum d^2}{N}}$$

$$s.d. = \sqrt{45/22} = 1,44$$

Post-test of Control Group

Student	Multiple Choice										Total
	Number of questions										
	1	2	3	4	5	6	7	8	9	10	
12	0	0	1	0	0	0	1	0	1	1	4
2	0	0	1	0	0	0	1	1	1	1	5
4	1	1	1	0	0	0	1	0	0	1	5
14	1	1	0	1	0	1	0	0	1	0	5
1	0	1	1	1	0	0	1	0	1	1	6
5	0	1	1	1	0	0	1	0	1	1	6
6	0	1	0	1	1	0	1	1	0	1	6
7	0	1	0	1	1	1	1	1	0	1	7
8	0	0	1	1	0	1	1	1	1	1	7
16	1	1	1	0	0	1	1	0	1	1	7
21	0	1	1	1	0	1	1	1	0	1	7
3	1	1	1	1	0	1	1	0	1	1	8
10	1	1	1	1	0	0	1	1	1	1	8
17	1	1	1	1	0	1	1	0	1	1	8
18	1	1	1	0	0	1	1	1	1	1	8
19	1	1	1	0	0	1	1	1	1	1	8
11	1	1	1	1	0	1	1	1	1	1	9
13	1	1	1	1	1	1	1		1	1	9
15	1	1	1	1	0	1	1	1	1	1	9
20	1	1	1	1	0	1	1	1	1	1	9
22	1	1	1	1	1	0	1	1	1	1	9
9	1	1	1	1	1	1	1	1	1	1	10
											160

-3,5	12,25
-2,5	6,25
-2,5	6,25
-2,5	6,25
-1,5	2,25
-1,5	2,25
-1,5	2,25
-0,5	0,25
-0,5	0,25
-0,5	0,25
-0,5	0,25
0,5	0,25
0,5	0,25
0,5	0,25
0,5	0,25
0,5	0,25
1,5	2,25
1,5	2,25
1,5	2,25
1,5	2,25
2,5	6,25
-5	57,5

$$\text{mean}=160,22=7,27$$

$$s.d. = \sqrt{\frac{\sum d^2}{N}}$$

$$sd=\sqrt{57,5/22}=1,61667$$

Post-test of Experimental Group

Student	Multiple Choice										Total
	Number of questions										
	1	2	3	4	5	6	7	8	9	10	
1	0	0	0	0	1	1	1	0	0	0	3
2	1	0	1	0	0	0	1	0	1	0	4
6	0	1	1	0	0	0	1	1	1	1	6
3	0	1	1	0	1	1	0	1	1	1	7
4	1	0	1	0	1	1	1	1	0	1	7
11	1	1	1	1	0	0	1	0	1	1	7
12	1	1	1	1	0	1	0	0	1	1	7
13	1	1	1	0	1	0	1	0	1	1	7
14	1	1	1	1	0	1	1	0	0	1	7
15	1	1	1	0	1	0	1	0	1	1	7
18	1	1	0	0	0	1	1	1	1	1	7
19	0	1	1	0	1	0	1	1	1	1	7
7	1	1	1	0	1	1	1	1	0	1	8
10	1	0	1	1	0	1	1	1	1	1	8
16	1	1	1	1	0	1	0	1	1	1	8
20	1	1	1	1	1	0	0	1	1	1	8
5	1	1	1	0	1	1	1	1	1	1	9
8	1	0	1	1	1	1	1	1	1	1	9
9	1	1	1	1	1	0	1	1	1	1	9
17	1	1	1	1	0	1	1	1	1	1	9
21	1	1	1	1	1	1	1	1	1	1	10
22	1	1	1	1	1	1	1	1	1	1	10
											164

d	d2	
-4	16	
-3	9	
-1	1	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
1	1	
1	1	
1	1	
2	4	
2	4	
2	4	
2	4	
3	9	
3	9	
10	64	

$$S_d = \sqrt{21 \times 59 - (-1)^2 / 21 \times 20} = \sqrt{1239 - 1/420} = \sqrt{2.95} = 1.72$$

$$KR-21 = 1 - \{7.95(10 - 7.95) / 10(1.72^2)\} = 1 - \{16.2975 / 29.584\} = 1 - 0.550 = 0.45 \rightarrow \text{reliability: moderate}$$

Item Number	Difficulty Level	
1	0.90	easy
2	0.86	easy
3	0.48	moderate
4	0.90	easy
5	0.67	easy
6	1	too easy
7	0.57	moderate
8	0.86	easy
9	0.76	easy
10	0.95	too easy

Item Number	Discrimination Power	
1	0.2	poor
2	0.3	satisfactory
3	0.4	satisfactory
4	0.2	poor
5	0.5	good
6	0	poor
7	0.4	satisfactory
8	0.1	poor
9	0.5	good
10	0.1	poor

$$\text{mean} = 164,22 = 7,45$$

$$s.d. = \sqrt{\frac{\sum d^2}{N}}$$

$$s.d. = \sqrt{64/22} = 1,7056$$

Gain Score of Control Group

Student	Pre-test	Post-test	Gain Score
1	2	6	4
2	3	5	2
3	4	8	4
4	4	5	1
5	5	6	1
6	5	6	1
7	5	7	2
8	5	7	2
9	6	10	4
10	6	8	2
11	6	9	3
12	6	4	-2
13	6	9	3
14	7	5	-2
15	7	9	-2
16	7	7	0
17	7	8	1
18	7	8	1
19	7	8	1
20	7	9	2
21	7	7	0
22	10	9	-1
			27

d	d ²
-2	-3 9
-2	-3 9
-2	-3 9
-1	-2 4
0	-1 1
0	-1 1
1	0 0
1	0 0
1	0 0
1	0 0
1	0 0
1	0 0
2	1 1
2	1 1
2	1 1
2	1 1
2	1 1
3	2 4
3	2 4
4	3 9
4	3 9
4	3 9
5	5 73

$$\text{mean} = 27 : 22 = 1,227$$

$$s.d. = \sqrt{\frac{\sum d^2}{N}} \quad sd = \sqrt{73/22} = 1,82$$

Gain Score of Experimental Group

Student	Pre-test	Post-test	Gain Score
1	3	3	0
2	4	4	0
3	5	7	2
4	6	7	1
5	6	9	3
6	6	6	0
7	6	8	2
8	6	9	3
9	6	9	3
10	6	8	2
11	7	7	0
12	7	7	0
13	7	7	0
14	7	7	0
15	7	7	0
16	7	8	1
17	7	9	2
18	7	7	0
19	8	7	-1
20	8	8	0
21	9	10	1
22	10	10	0
Total	145	164	19

-1
0
0
0
0
0
0
0
0
0
0
0
0
0
1
1
1
2
2
2
2
2
3
3
3

-1	1
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
1	1
1	1
1	1
2	4
2	4
2	4
2	4
2	4
3	9
3	9
3	9

mean = $19:22 = 0,8636$

$$s.d. = \sqrt{\frac{\sum d^2}{N}} \quad sd = \sqrt{47/22} = 1,46$$

t_o pre-test

$$t_o = \frac{x_A - x_B}{\sqrt{\frac{(n_A - 1) s.d. A^2 + (n_B - 1) s.d. B^2}{n_A + n_B - 2} \left[\frac{1}{n_A} + \frac{1}{n_B} \right]}}$$

$$t_o = \frac{6.59 - 5.86}{\sqrt{\frac{(22 - 1) 1.44^2 + (22 - 1) 1.66^2}{22 + 22 - 2} \left[\frac{1}{22} + \frac{1}{22} \right]}}$$

$$t_o = \frac{0.73}{\sqrt{\frac{(21) 2.0736 + (21) 2.7556}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.73}{\sqrt{\frac{43.5456 + 57.8676}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.73}{\sqrt{\frac{101.4132}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.73}{\sqrt{2.4146 \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.73}{\sqrt{0.2195}}$$

$$t_o = \frac{0.73}{0.4685}$$

$$t_o = 1.558$$

t_o post test

$$t_o = \frac{x_A - x_B}{\sqrt{\frac{(nA-1)s.d. A^2 + (nB-1)s.d. B^2}{nA + nB - 2} \left[\frac{1}{nA} + \frac{1}{nB} \right]}}$$

$$t_o = \frac{7.45 - 7.27}{\sqrt{\frac{(22-1)1.7056^2 + (22-1)1.6167^2}{22 + 22 - 2} \left[\frac{1}{22} + \frac{1}{22} \right]}}$$

$$t_o = \frac{0.18}{\sqrt{\frac{(21)2.9241 + (21)2.6244}{42} \left[\frac{2}{22} \right]}}$$

$$t_o = \frac{0.18}{\sqrt{\frac{61.4061 + 55.1124}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.18}{\sqrt{\frac{116.5185}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.18}{\sqrt{2.77425 \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{0.18}{\sqrt{0.2522}}$$

$$t_o = \frac{0.18}{0.50}$$

$$t_o = 0.36$$

t_o gain score

$$t_o = \frac{x_A - x_B}{\sqrt{\frac{(n_A - 1) s.d. A^2 + (n_B - 1) s.d. B^2}{n_A + n_B - 2} \left[\frac{1}{n_A} + \frac{1}{n_B} \right]}}$$

$$t_o = \frac{0.8636 - 1.227}{\sqrt{\frac{(22 - 1) 1.46^2 + (22 - 1) 1.82^2}{22 + 22 - 2} \left[\frac{1}{22} + \frac{1}{22} \right]}}$$

$$t_o = \frac{-0.3634}{\sqrt{\frac{(21) 2.1316 + (21) 3.3124}{42} \left[\frac{2}{22} \right]}}$$

$$t_o = \frac{-0.3634}{\sqrt{\frac{44.7636 + 69.5604}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{-0.3634}{\sqrt{\frac{114.324}{42} \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{-0.3634}{\sqrt{2.722 \left[\frac{1}{11} \right]}}$$

$$t_o = \frac{-0.3634}{\sqrt{0.247}}$$

$$t_o = \frac{-0.3634}{0.4970}$$

$$t_o = -0.7312$$

Second try-out

No	Student	Multiple Choice										Total
		Number of questions										
		1	2	3	4	5	6	7	8	9	10	
1	2	1	1	0	1	1	1	1	1	1	1	9
2	9	1	1	0	1	1	1	1	1	1	1	9
3	4	1	1	0	1	1	1	1	1	1	0	8
4	5	1	1	1	1	1	1	1	1	0	0	8
5	19	1	1	0	1	1	1	1	1	1	0	8
6	6	1	1	0	1	0	1	1	1	1	0	7
7	11	1	1	0	1	1	1	1	0	1	0	7
8	12	1	1	0	1	0	1	1	1	1	0	7
9	15	1	1	0	1	1	1	1	0	1	0	7
10	16	1	1	0	1	0	1	1	1	1	0	7
11	17	1	1	0	0	1	1	1	0	1	1	7
12	20	1	1	0	1	1	1	1	1	0	0	7
13	1	1	1	0	1	0	1	0	1	1	0	6
14	3	1	1	0	0	1	1	1	0	1	0	6
15	7	1	1	0	1	0	1	1	0	1	0	6
16	8	1	0	0	1	0	1	1	1	1	0	6
17	18	0	1	0	1	1	0	1	1	1	0	6
18	21	1	1	0	1	0	1	0	1	1	0	6
19	10	0	0	0	0	1	1	1	1	1	0	5
20	13	0	1	0	1	0	1	1	0	1	0	5
21	14	0	0	0	0	1	1	1	1	1	0	5

7 middle

d	d ²
2,24	5,02
2,24	5,02
1,24	1,54
1,24	1,54
1,24	1,54
0,24	0,06
0,24	0,06
0,24	0,06
0,24	0,06
0,24	0,06
0,24	0,06
0,24	0,06
-0,76	0,58
-0,76	0,58
-0,76	0,58
-0,76	0,58
-0,76	0,58
-1,76	3,1
-1,76	3,1
-1,76	3,1
0,04	27,86

Item Number	DL	
1	0,76	moderate
2	0,81	moderate
3	0,05	too difficult
4	0,81	moderate
5	0,57	moderate
6	0,9	too easy
7	0,86	too easy
8	0,71	moderate
9	0,86	too easy
10	0,09	too difficult

Item Number	DP	
1	0,4	fairly good
2	0,3	marginal
3	0,1	poor
4	0,3	marginal
5	0,2	poor
6	0,1	poor
7	0,2	poor
8	0,1	poor
9	0	poor
10	0,2	poor

Mean = $142 : 21 = 6,76$

sd = $\sqrt{\Sigma d^2 / N} = \sqrt{27,86 / 21} = 1,15$

KR-21 = $1 - \{6,76(10 - 6,76) / 10(1,15^2)\} = 1 - \{21,90 / 13,22\} = 1 - 1,66 = -0,66 \rightarrow \text{reliability: very low}$

Reliability

Third try-out

No	Student	Multiple Choice										Total
		Number of questions										
		1	2	3	4	5	6	7	8	9	10	
1	4	1	1	1	1	0	1	1	1	1	1	9
2	9	1	1	1	1	0	1	1	1	1	1	9
3	19	1	1	1	1	1	1	0	1	1	1	9
4	1	1	1	1	1	0	1	1	0	1	1	8
5	17	1	1	1	1	0	1	1	1	0	1	8
6	21	1	1	1	0	1	1	0	1	1	1	8
7	2	1	1	1	1	0	1	0	0	1	1	7
8	8	0	1	1	0	1	1	1	0	1	1	7
9	6	0	1	1	0	0	1	1	0	1	1	6
10	7	1	0	0	1	1	1	1	0	0	1	6
11	12	1	1	1	0	0	1	1	0	0	1	6
12	15	1	1	1	0	0	0	1	0	1	1	6
13	16	1	0	1	0	0	1	1	0	1	1	6
14	18	1	1	1	0	0	1	1	0	0	1	6
15	3	0	0	0	1	1	1	1	0	1	0	5
16	5	1	1	0	0	0	1	0	1	1	0	5
17	11	0	0	0	1	1	1	1	1	0	0	5
18	20	1	1	0	1	0	0	0	1	0	1	5
19	10	0	1	0	1	0	0	1	0	1	0	4
20	14	1	0	0	1	0	0	1	0	1	0	4
21	13	0	0	0	0	1	1	1	0	0	0	3
												132

middle

d	d ²
2,72	7,4
2,72	7,4
2,72	7,4
1,72	2,96
1,72	2,96
1,72	2,96
0,72	0,52
0,72	0,52
-0,3	0,08
-0,3	0,08
-0,3	0,08
-0,3	0,08
-0,3	0,08
-1,3	1,64
-1,3	1,64
-1,3	1,64
-2,3	5,2
-2,3	5,2
-3,3	10,8
0,12	60,3

No	U	L
1	8	6
2	9	5
3	9	3
4	7	5
5	4	3
6	10	6
7	7	8
8	5	3
9	8	6
10	10	4

Item Number	DL
1	0,71 moderate
2	0,71 moderate
3	0,62 moderate
4	0,57 moderate
5	0,33 moderate
6	0,81 moderate
7	0,76 moderate
8	0,38 moderate
9	0,67 moderate
10	0,71 moderate

Item Number	DP
1	0,2 marginal
2	0,4 very good
3	0,6 very good
4	0,2 marginal
5	0,1 poor
6	0,4 very good
7	-0,1 poor
8	0,2 marginal
9	0,2 marginal
10	0,6 very good

Mean = 132 : 21 = 6,28

sd = $\sqrt{\Sigma d^2 / N} = \sqrt{60,32 / 21} = 1,70$ KR-21 = $1 - \{6,28(10-6,28)/10(2,89)\} = 1 - \{23,36/28,9\} = 1-0,80 = 0,2$ ----> reliability: low

Name: _____
Class: _____

Date: _____
Score: _____

Cross (X) the best answer!

1. I have a



- a. plane b. helicopter

2. I have a



- a. canoe b. boat

3. I like



- a. playing play station
b. watching TV

4. My daddy likes



- a. writing a book
b. reading a book

5. My sister likes



- a. playing b. cutting

6. I am



- a. sad b. frightened

7. I like



- a. dancing b. exercising

8. She is



- a. sad b. grumpy

9. I am



- a. lucky b. happy

10. I have a



- a. bike b. motorcycle

Lesson Plan 1st Treatment (Control Group)

Subject	:	English
Language Skills	:	Listening, Speaking, Reading, Writing
Language Components	:	Vocabulary
Topic	:	Feelings
Level of Education	:	Elementary School
Class / Semester	:	1 / I
Time	:	1 x 80 minutes

Objectives

Basic Competence : Students know about feelings.

Achievement Indicators :

Listening

- Students are able to respond to the words mentioned.

Speaking

- Students are able to say correctly the words pointed.

Reading

- Students are able to read the words pointed.

Writing

- Students are able identify feelings.

Vocabulary

- Students are able to mention the words performed.

Material :

1. Exercises

Teaching Learning Activities :

Method : Grammar Translation

Technique : Words-List

Class Activities :

1. The teacher introduced the first vocabulary with the translation.
2. The teacher gave examples how to pronounce the word.
3. The teacher asked students to repeat the vocabulary.
4. When all the students were confidently responding to the vocabulary, the teacher introduced the other vocabulary in the same way.
5. The teacher rotated the vocabulary at random.
6. The teacher asked the students to read the vocabulary at random together.
7. The teacher asked some students to read the vocabulary individually in front of the class.
8. All of the students read the vocabulary aloud together.
9. The students do some vocabulary exercises.

Assessment :

- Students are asked to read words mentioned.

Media :

- Students' worksheet