## 1. Do you like Chemistry?

	yes						no					
	total		female male		total fem		nale n		ale			
<u>_</u>	No. of		No. of		No. of		No. of		No. of		No. of	
уеа	students	%	students	%	students	%	students	%	students	%	students	%
total	109	70	57	64	50	75	47	30	30	37	17	25
I	40	62	30	65	10	56	24	38	16	35	8	44
II	40	78	8	53	32	89	11	22	7	47	4	11
Ш	29	71	21	75	8	62	12	29	7	25	5	38

Chemistry is:

		inte	esting				difficult						
	to	tal	female male		total		female		ma				
<u>_</u>	No. of		No. of		No. Of	-	No. of	, — — — . i	No. of	. — — — - i	No. of		
year	students	%	students	%	students	%	students	%	students	%	students		
total	75	48	43	48	36	54	39	25	27	30	11		
I	30	47	21	46	9	50	22	34	16	35	6		
II	24	45	7	47	17	47	11	73	6	17	5		
III	25	60	15	52	10	77	5	12	5	18	0		

2. If you were allowed to drop Chemistry, what would you do?

	l'd do it.						No, I wouldn't.					
	to	tal	female male		total		female		male			
ar	No.of		No.ot		No.ot		No.of		No.ot	_ <b></b> _	No.of	
уез	students	%	students	%	students	%	students	%	students	%	students	%
total	55	35	33	37	22	33	101	65	56	63	45	67
	29	45	21	46	8	13	35	55	25	54	10	87
II	10	20	4	27	6	17	41	80	11	63	30	83
III	16	39	8	29	8	61	25	61	20	71	5	39

#### 3. Chemistry is interesting

	strongly agree						agree						
	to	tal	female male		total fem		nale	ma	ale				
_	No. of		No. of		No. of		No. of		No. of		No. of		
уеа	students	%	students	%	students	%	students	%	students	%	students	%	
total	38	24	23	26	15	22	85	54	42	47	43	65	
- 1	15	23	12	26	3	17	30	47	18	39	12	66	
II	10	21	2	13	8	22	30	56	8	54	22	62	
III	13	32	9	32	4	31	25	61	16	57	9	69	

## 4. If you had the choice: I'd elect Chemistry class because

☐ Of the interest in science

	l .		1	1	1 .	1
	to	tal	female	<u>;</u>	male	
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	20	13	9	10	11	18
	3	5	3	3	0	0
Ш	11	22	4	27	7	19
Ш	6	15	2	7	4	31

 $\hfill \square$  Of the dangerous chemicals. I like the risk

	to	tal	female	ة _	male	
	No. of		No. of	ΓΠ	No. of	ΓΠ
уеа	students	%	students	%	students	%

total	41	26	18	20	23	38
ı	13	20	9	19	4	22
II	20	39	4	27	16	44
III	8	19	5	18	3	23

 $\hfill \square$  Of laboratory equipment which I like

	to	tal	female	•	male	
<u>_</u>	No. of		No. of	ī	No. of	7 7
year	students	%	students	%	students	%
total	9	6	4	6	5	6
ı	5	8	2	4	3	17
П	2	4	2	13	0	0
III	2	5	1	3	1	8

 $\ \square$  Of the research. It is interesting

	to	tal	female	<u>.</u>	male	
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	87	56	46	52	41	67
	36	58	25	54	11	67
II	25	53	6	47	19	55
III	26	63	17	61	9	69

 $\hfill\Box$  Of my future plans (to study chemistry, pharmacy, medici

	to	tal	female		male	
<u>_</u>	No. of		No. of		No. of	ГП
year	students	%	students	%	students	%
total	28	18	17	19	9	13
I	10	16	9	19	1	5
II	4	8	2	13	2	5
III	14	39	8	28	6	46

## 5. Chemistry is too complicated: (1 agree; 6 don't agree)

1						
	to	female	ة	male		
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	23	15	12	13	11	17
ı	14	22	7	15	7	39
II	5	10	1	7	4	11
III	4	9	4	14	0	0

2	_					
	to	female	ē	male		
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	29	19	20	22	9	13
ı	14	22	13	28	1	6
II	7	14	3	20	4	11
III	8	18	4	14	4	27

3			
	total	female	male

I	<u>_</u>	No. of		No. of		No. of	
	yea	students	%	students	%	students	%
	total	25	16	14	16	11	17
	ı	9	14	6	15	3	10
	II	12	23	4	33	8	19
	III	4	9	4	14	0	0

4						
	to	tal	female	•	male	
_	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	30	19	17	17	13	19
ı	9	14	6	12	3	22
II	9	18	6	33	3	11
Ш	12	28	5	14	7	53

5						
	to	tal	female	į	male	
<u>_</u>	No. of		No. of		No. of	ГП
уеа	students	%	students	%	students	%
total	36	23	20	22	16	24
ı	14	22	13	28	1	6
Ш	12	23	1	7	11	30
III	10	24	7	25	3	20

6						
	to	tal	female		male	
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	13	8	6	7	7	10
ı	4	6	3	6	1	5
II	6	12	0	0	6	18
III	3	7	3	11	0	0

## If you choose 1, 2, 3: why is Chemistry too complicated?

☐ Because I don't understand the formula

	to	tal	female	غ ا	male	
<u>_</u>	No. of		No. of	[7	No. of	
year	students	%	students	%	students	%
total	27	34	17	30	10	43
- 1	17	46	11	41	6	60
II	5	20	3	43	2	11
III	5	28	3	25	2	33

☐ Because I can't imagine how atoms could exist or work (because we can't see or watch them)

	to	tal	female	•	male	
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	22	28	13	23	9	39
ı	8	22	5	18	3	30
II	7	28	4	57	3	17
III	7	33	4	33	3	50

☐ Because I can't remember so much information

	to	female	<u>.</u>	male		
┶	No. of		No. of		No. of	
yea	students	%	students	%	students	%
total	47	59	28	49	19	83
ı	22	59	16	59	6	60
Ш	15	60	4	57	11	61
III	10	56	7	58	3	50

☐ Because I cannot distinguish different chemicals

	to	female		male		
<u>_</u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	21	26	12	21	9	39
ı	7	19	3	11	4	40
П	6	24	2	28	4	22
III	3	17	1	8	2	33

Other

	total				
	No. of				
	students	%			
total	4	2			

- 1. The teacher doesn't explain clearly enough.
- 2. There is too much to learn.
- 3. The calculations are too difficult.
- 4. The teacher was absent and now there is too much material to learn.

#### If you choose 4, 5, 6: why isn't Chemistry complicated?

☐ Because there is a relation (is linked) to everyday life

	to	female	<u>,</u>	male		
_	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	16	21	7	16	9	27
ı	4	15	2	14	2	15
II	6	23	2	14	4	36
III	6	26	4	31	2	17

☐ Because there are only similarities to other subjects

	to	female	<u>.</u>	male		
<u> </u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	10	14	4	9	6	18
ı	3	11	1	7	2	15
II	3	12	1	7	2	15
III	4	17	2	15	2	17

☐ Because it is important for my future

	to	tal	female	<u>.</u>	male	
<u>_</u>	No. of		No. of		No. of	
yea	students	%	students	%	students	%
total	15	20	9	21	6	18
I	6	22	4	28	2	15
II	3	12	2	14	2	18
III	6	22	4	31	2	17

 $\hfill\square$  Because I simply like it

	to	tal	female	<u>,</u>	male	
<u> </u>	No. of		No. of		No. of	
year	students	%	students	%	students	%
total	43	57	19	44	24	73
ı	19	70	11	78	8	61
II	16	61	7	50	9	82
III	8	35	4	31	4	33

Other

	total						
	No. of						
	students	%					
total	4	5					

- 1. I find it easy to learn.
- 2. It is interesting and requires attention.
- 3. It is attractive.
- 4. It's logical.

# 6. Chemistry is interesting because the lessons aren't as boring as other subjects due to the relation to everyday life shown in experiments

		strong			_ agree _							
	total female male				total female			nale	male			
Έ.	No. of		No. of		No. of		No. of		No. of		No. of	
year	students	%	students	%	students	%	students	%	students	%	students	%
total	15	10	8	9	7	10	88	56	50	56	38	57
- 1	6	9	5	11	1	6	36	57	25	55	11	61
II	5	10	0	0	5	14	32	63	10	67	22	61
III	4	10	3	10	1	8	20	49	15	54	5	38

7. Do you think Chemistry will be very useful for your future?

		•			_							
		<u> </u>	/es				no					
	total female male						total female			ma	ale	
<u>_</u>	No. of		No. of	ΓΤ	No. of		No. of	Γ	No. of		No. of	
yea	students	%	students	%	students	%	students	%	students	%	students	%
total	76	49	47	53	29	43	80	51	42	47	38	57
ı	27	42	22	48	5	28	37	58	24	52	13	72
II	26	51	7	47	19	53	25	49	8	53	17	47
III	23	56	18	64	5	38	18	44	10	36	8	62

8. I don't think I will be successful in Chemistry:

		strong	ly agree				agree						
	total female male						total female			male			
<u>_</u>	No. of		No. of		No. of	Π	No. of		No. of		No. of	[	
уеа	students	%	students	%	students	%	students	%	students	%	students	%	
total	33	21	19	21	14	21	68	44	36	40	32	48	
I	13	20	8	17	5	28	28	44	18	39	10	56	
II	6	12	3	20	3	8	26	51	8	53	18	50	
III	14	34	8	28	6	46	14	34	10	36	4	31	

9. I would be more interested in Science subjects if there were more experiments.

		strong	ly agree				agree						
	total female male						total	total female			male		
_	No. of		No. of		No. of		No. of	[ ]	No. of		No. of		
year	students	%	students	%	students	%	students	%	students	%	students	%	
total	53	34	31	35	22	33	72	46	43	48	29	43	
1	14	22	11	24	3	18	34	54	24	53	10	57	
П	21	41	5	33	16	45	18	35	6	40	12	33	
III	18	44	15	54	3	23	20	49	13	46	7	54	

10. My expectations have been fulfilled in my Chemistry lessons. (I

	my expecta												
		strong	ly agree				agree						
	total female male						total female			nale	male		
<u>_</u>	No. of		No. of		No. of		No. of		No. of		No. of		
year	students	%	students	%	students	%	students	%	students	%	students	%	
total	10	6	3	3	7	10	64	41	39	44	25	37	
I	3	5	1	2	2	11	23	36	18	39	5	28	
Ш	5	10	1	7	4	11	20	39	5	33	15	42	
III	2	5	1	4	1	8	21	52	16	57	5	38	

11. I choose Chemistry because of my teacher (High class

		strong	ly agree				agree						
	total female male				total female			ale	ma	ile			
J.	No. of		No. of		No. of		No. of		No. of		No. of		
уеа	students	%	students	%	students	%	students	%	students	%	students	%	
total	30	19	14	16	16	24	60	39	41	47	19	27	
	15	23	11	24	4	22	19	30	16	34	3	17	
II	10	20	1	7	9	25	23	45	9	60	14	39	
III	5	12	3	11	2	15	18	44	16	61	2	15	

		boring											
зle	to	tal	fem	nale	male								
	No. of		No. of		No. of								
%	students	%	students	%	students	%							
16	23	15	19	21	5	7							
33	22	348	18	39	4	22							
14	0	0	0	0	0	0							
0	2	5	1	4	1	8							

tot	tal	<b>disa</b> fem	_	ma	strongly disagre total female				
No. of		No. of		No. of		No. of		No. of	
students	%	students	%	students	%	students	%	students	%
27	18	21	24	6	9	6	4	3	3
16	25	13	28	3	17	3	5	3	7
8	17	5	33	3	8	3	6	0	0
3	7	3	11	0	0	0	0	0	0

tot	al	<b>disa</b> g fem	•	ma	ile	t	otal	_	l <b>y disagree</b> nale
No. of		No. of		No. of		No. of		No. of	
students	%	students	%	students	%	students	%	students	%
51	33	29	33	22	33	2	1	2	2
20	31	14	30	6	33	2	3	2	4
14	27	5	33	9	25	0	0	0	0
17	41	10	36	7	54	0	0	0	0

tot	tal	<b>disa</b> չ fem	-	ma	ale	t	otal	_	<b>y disagree</b> nale
No. of		No. of		No. of		No. of		No. of	r====
students	%	students	%	students	%	students	%	students	%
45	29	31	35	14	21	10	6	3	4
20	31	17	37	3	16	3	5	3	7
13	25	4	27	9	25	6	12	0	0
12	30	10	36	2	15	1	2	0	0

tot	tal	<b>disa</b> fem	_	ma	ale	t	otal	_	<b>y disagree</b> nale
No. of		No. of		No. of		No. of		No. of	
students	%	students	%	students	%	students	%	students	%
23	15	11	12	12	18	8	4	4	5
12	19	8	17	4	23	4	5	3	6
8	16	3	20	5	14	4	8	1	7
3	7	0	0	3	23	0	0	0	0

tot	tal	<b>disa</b> fem	_	ma	ale	t	otal	_	<b>y disagree</b> nale
No. of		No. of		No. of		No. of		No. of	
students	%	students	%	students	%	students	%	students	%
66	42	42	48	24	35	16	10	4	4
31	48	23	50	8	44	7	11	4	9
22	43	8	53	14	39	4	8	1	7
13	31	11	39	2	16	5	12	0	0

tot	tal	<b>disa</b> fem	_	ma	ale	t	otal	_	y disagree nale
No. of		No. of		No. of		No. of		No. of	
students	%	students	%	students	%	students	%	students	%
44	28	27	30	17	25	22	14	6	7
16	25	13	28	3	17	14	22	6	13
14	27	5	33	9	25	4	8	0	0
14	34	9	39	5	39	4	10	0	0

_		
L		ale
	No. of students	%
	3	4
	0	0
	3	8
	0	0

ma	ale
No. of	
students	%
0	0
0	0
0	0
0	0

male		
No. of		
students	%	
7	10	
0	0	
6	17	
1	8	

male	
No. of	
students	%
4	6
1	2
3	8
0	0

male	
No. of	
students	%
12	18
3	17
3	8
5	38

male		
No. of		
students	%	
16	24	
8	44	
4	11	
4	31	