Name:	
Name.	

1. easy	1 2 3 4 5 6 7	hard
2. vorthless	middle  _1_ 2_ 3_ 4_ 5_ 6_ 7_	beneficial
3. exciting	_1234567	boring
4. complicated	_1234567	simple
5. confusing	_1234567	clear
6. good	_1_ _2_ _3_ 4_ _5_ 6_ 7_  middle	bad
7. catisfying	1 2 3 4 5 6 7	frustrating
8. scary	_1234567	fun
9. comprehensib	_1234567	incomprehensible
10. challenging	_1234567	not challenging
11. pleasan	_1_  2_  3_  4_  5_  6_  7_  middle	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. сеннопаль	1 2 3 4 5 6 7	uncomfortable
15. worthwinde	1 2 3 4 5 6 7	useless
16. wort	1 2 3 4 5 6 7	play
17. Znaono	middle   1   2   3   4   5   6   7	organized
18.	_1234567	dangerous
19. (ensa)	_1234567	relaxed
20. insecurs	_1 _2 _3 _4 _5 _6 _7_	secure

Name:		

men answering these items i	00000	80	00	., .,				
I interact with my instructo	or							
mirequently	1	2	3	4	5	6	7	Frequently
In class, I ask questions								
mrequent	1	2	3	4	5	6	7	Frequently
In class, I interact with my	peers							
Infrequently	1	2	3	4	5	6	7	Frequently
I am motivated to learn ch	emistry							
inrequent	1	2	3	4	5	6	7	Frequently
I have trouble focusing in r	ny chem	nistry cla	SS					
Infrequenty	1	2	3	4	5	6	7	Frequently
I feel the different topics to	aught in	chemist	ry are co	onnected	d to each	n other		
Infrequently	1	2	3	4	5	6	7	Frequently
I am likely to attend class r	egularly	,						
nfrequently	1	2	3	4	5	6	7	Frequently
The amount of work in this	course	will be o	challengi	ng				
disagree	1	2	3	4	5	6	7	Agree
The course content will be	difficult	for me						
Disagree	1	2	3	4	5	6	7	Agree
The structure of the class s	supports	the lear	rning of	chemisti	ry			
Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the course over	rall							
Disagree	1	2	3	4	5	6	7	Agree
For this item, circle the nu	mber tw	0						
Oisagree	1	2	3	4	5	6	7	Agree

the concepts from the	e lecture po	rtion of	r the cou	rse coni	nect to t	ne lab p	ortion	
disagree	1	2	3	4	5	6	7	Agree
I understand chemistr	y better bed	cause o	f the lab	activitie	es			
bisagree	1	2	3	4	5	6	7	Agree
I will enjoy the labora	tory activitie	es						
Disagre	1	2	3	4	5	6	7	Agree
I enjoy thinking about	chemistry c	outside	of my co	urse wo	ork			
Disagres	1	2	3	4	5	6 .	7	Agree
I feel well-prepared fo	r this course	e						
Disagree	1	2	3	4	5	6	7	Agree
I can handle dealing w	ith academi	ic setba	icks					
Disagree	1	2	3	4	5	6	7	Agree
I am generally curious	about chem	nistry						
Disagres	1	2	3	4	5	6	7	Agree
feel confident in my	ability to cor	mplete	my chen	nistry co	ourse wi	th a pass	sing grad	е
Disagree	1	2	3	4	5	6	7	Agree

Name:				

1.	easy	6 2 3 4 5 6 7	hard
2.	worthless	middle	beneficial
3.	exciting	0 2 3 4 5 6 7	boring
4.	complicated	0 2 3 4 5 6 7	simple
5.	confusing	0 2 3 4 5 6 7	clear
6.	good	6 2 3 4 5 6 7 middle	bad
7.	satisfying	middle  _6_ _2_ _3_ _4_ _5_ _6_ _7_	frustrating
8.	scary	0 2 3 4 5 6 7	fun
9.	comprehensible		incomprehensible
10.	challenging	0 2 3 4 5 6 7	not challenging
11.	pleasant	2 3 4 5 6 7	unpleasant
12.	interesting	middle	dull
13.	disgusting	2 3 4 5 6 7	attractive
14.	comfortable	2 3 4 5 6 7	uncomfortable
l5.	worthwhile	2 3 4 5 6 7	useless
l <b>6</b> .	work	0 2 3 4 5 6 7	play
<b>17</b> .	chaotic	middle	organized
8.	safe	2 3 4 5 6 7	dangerous
9.	tense		relaxed
20.	insecure	<b>D</b> 2 3 4 5 6 7	secure

Name:		

		0			•			
I interact with my instructo	or							
Infrequently		2	3	4	5	6	7	Frequently
In class, I ask questions	_							
Infrequently		2	3	4	5	6	7	Frequently
In class, I interact with my								
Infrequently	D	2	3	4	5	6	7	Frequently
I am motivated to learn ch	emistry							
Infrequently	D	2	3	4	5	6	7	Frequently
I have trouble focusing in r	-							
Infrequently	<b>①</b>	2	3	4	5	6	7	Frequently
I feel the different topics to	aught in	chemist	ry are c	onnecte	d to eac	h other		
Infrequently	<b>(</b>	2	3	4	5	6	7	Frequently
I am likely to attend class r	-							
Infrequently	<b>(1)</b>	2	3	4	5	6	7	Frequently
The amount of work in this	s course	will be o	challeng	ing				
Disagree	1	2	3	4	5	6	7	Agree
The course content will be	difficult	for me						
Disagree		2	3	4	5	6	7	Agree
The structure of the class supports the learning of chemistry								
Disagree		2	3	4	5	6	7	Agree
I will enjoy the course over	rall							
Disagree		2	3	4	5	6	7	Agree
For this item, circle the nu	mber tw	О						
Disagree	0	2	3	4	5	6	7	Agree

The conce	The concepts from the lecture portion of the course connect to the lab portion								
	Disagree		2	3	4	5	6	7	Agree
I understand chemistry better because of the lab activities									
	Disagree	D	2	3	4	5	6	7	Agree
I will enjoy	I will enjoy the laboratory activities								
	Disagree	<b>6</b>	2	3	4	5	6	7	Agree
I enjoy thir	nking about che	emistry ou	ıtside of	my coui	rse work				
	Disagree		2	3	4	5	6 .	7	Agree
ا feel well-ا	prepared for th	is course							
	Disagree	(1)	2	3	4	5	6	7	Agree
I can handl	e dealing with	academic	setback	:5					
	Disagree	<b>D</b>	2	3	4	5	6	7	Agree
I am genera	ally curious abo	out chemi	stry						
	Disagree		2	3	4	5	6	7	Agree
I feel confid	dent in my abili	ity to com	plete m	y chemis	stry cour	se with	a passin	g grade	
	Disagree		2	3	4	5	6	7	Agree

Name:				

1.	easy	1 5 6 7	hard
2.	worthless	middle 1 3 4 5 6 7	beneficial
3.	exciting	<u>_1634567_</u>	boring
4.	complicated	1 3 4 5 6 7	simple
5.	confusing	_1_ <del> </del> 34567_	clear
6.	good	1 6 3 4 5 6 7	bad
7.	satisfying	middle 1   6   3   4   5   6   7	frustrating
8.	scary	_1_6_3_4_5_6_7_	fun
9.	comprehensible	<u>_1634567_</u>	incomprehensible
10.	challenging	<u>_1_1_6_3_4_5_6_7_</u>	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	middle  _1_ 2  3  4  5  6  7	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  1	organized
18.	safe	1 6 3 4 5 6 7	dangerous
19.	tense	1_0_3_4_5_6_7_	relaxed
20.	insecure	_1_6_3_4_5_6_7_	secure

Name:		

I interact with m	y instructo	or	_							
Infre	quently	1		3	4	5	6	7	Frequently	
In class, I ask que	estions									
Infre	quently	1	6	3	4	5	6	7	Frequently	
In class, I interac	t with my	peers	_							
Infre	quently	1	6	3	4	5	6	7	Frequently	
I am motivated t	o learn ch	emistr	γ							
Infre	quently	1	0	3	4	5	6	7	Frequently	
I have trouble fo	I have trouble focusing in my chemistry class									
Infre	quently	1	(2)	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
Infre	quently	1	<b>(</b> )	3	4	5	6	7	Frequently	
I am likely to atte	I am likely to attend class regularly									
Infre	quently	1	2	3	4	5	6	7	Frequently	
The amount of w	ork in thi	s cours	se will be o	challengi	ng					
Disa	gree	1	0	3	4	5	6	7	Agree	
The course conte	ent will be	difficu	ılt for me							
Disa	gree	1	6	3	4	5	6	7	Agree	
The structure of	The structure of the class supports the learning of chemistry									
Disa	gree	1	(2)	3	4	5	6	7	Agree	
I will enjoy the co	ourse ove	rall								
Disa	gree	1	(2)	3	4	5	6	7	Agree	
For this item, circ	cle the nu	mber t	wo							
Disa	gree	1	6	3	4	5	6	7	Agree	

The concepts from the	lecture p	ortion of	the cou	ırse conr	ect to t	he lab p	ortion	
Disagree	1	2	3	4	5	6	7	Agree
I understand chemistry	better b	ecause of	f the lab	activitie	es.			
Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the laborato	ory activi	ties						
Disagree	1	2	3	4	5	6	7	Agree
I enjoy thinking about o	hemistry	outside	of my co	ourse wo	rk			
Disagree	1	(2)	3	4	5	6 .	7	Agree
feel well-prepared for	this cou	rse						
Disagree	1	2	3	4	5	6	7	Agree
can handle dealing wit	th acadei	mic setba	cks					
Disagree	1	2	3	4	5	6	7	Agree
I am generally curious a	bout che	emistry						
Disagree	1	<b>3</b>	3	4	5	6	7	Agree
feel confident in my al	oility to c	omplete	my cher	mistry co	urse wi	h a pass	sing grad	le
Disagree	1	<b>(2)</b>	3	4	5	6	7	Agree

Name:				

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle  _123	beneficial
3.	exciting	_1234567	boring
4.	complicated	1 2 3 4 5 6 7	simple
5.	confusing	<u>  1   2   <b>3</b>   4   5   6   7  </u>	clear
6.	good	<u>  1   2   <b>6</b>   4   5   6   7  </u>	bad
7.	satisfying	middle   1   2   3   4   5   6   7	frustrating
8.	scary	1 2 3 4 5 6 7	fun
9.	comprehensible	1_1_2_4_5_6_7_	incomprehensible
10.	challenging	1 2 6 7	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	1   2   <b>5</b> middle	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 0 4 5 6 7	play
17.	chaotic	middle  _1_ _2_ _3  _4_ _5_ _6_ _7_	organized
18.	safe	<u> </u>	dangerous
19.	tense	_1_2_ <b>3</b> _4_5_6_7_	relaxed
20.	insecure	_1_2_3_4_5_6_7_	secure

Name:		

I interact with my instruct	or		6							
Infrequently	1	2	(3)	4	5	6	7	Frequently		
In class, I ask questions										
Infrequently	1	2	6	4	5	6	7	Frequently		
In class, I interact with my	peers		_							
Infrequently	1	2	<b>(</b> )	4	5	6	7	Frequently		
I am motivated to learn ch	I am motivated to learn chemistry									
Infrequently	1	2	(3)	4	5	6	7	Frequently		
I have trouble focusing in	I have trouble focusing in my chemistry class									
Infrequently	1	2	<b>(3)</b>	4	5	6	7	Frequently		
I feel the different topics taught in chemistry are connected to each other										
Infrequently	1	2	<b></b>	4	5	6	7	Frequently		
I am likely to attend class	regularly	/	_							
Infrequently	1	2	3	4	5	6	7	Frequently		
The amount of work in thi	s course	will be	e challeng	ing						
Disagree	1	2	<b>3</b>	4	5	6	7	Agree		
The course content will be	e difficul	t for m	e							
Disagree	1	2	3	4	5	6	7	Agree		
The structure of the class	support	s the le	arning of	chemist	ry					
Disagree	1	2	3	4	5	6	7	Agree		
I will enjoy the course ove	rall									
Disagree	1	2	<b>3</b>	4	5	6	7	Agree		
For this item, circle the nu	ımber tv	10	_							
Disagree	1	2	3	4	5	6	7	Agree		

The cond	cepts from the l	ecture po	ortion o	f the cou	rse conr	nect to t	he lab po	ortion	
	Disagree	1	2	3	4	5	6	7	Agree
l underst	and chemistry	better be	cause c	of the lab	activitie	es			
	Disagree	1	2	3	4	5	6	7	Agree
l will enjo	by the laborator	ry activiti	ies						
	Disagree	1	2	3	4	5	6	7	Agree
I enjoy th	I enjoy thinking about chemistry outside of my course work								
	Disagree	1	2	<b>(5)</b>	4	5	6 .	7	Agree
I feel wel	Il-prepared for t	this cours	se						
	Disagree	1	2	A	4	5	6	7	Agree
I can han	dle dealing with	n academ	nic setba	acks					
	Disagree	1	2	<b>(</b>	4	5	6	7	Agree
I am gene	erally curious at	oout cher	mistry						
	Disagree	1	2	3	4	5	6	7	Agree
I feel con	fident in my ab	ility to co	mplete	my chen	nistry co	urse wit	th a pass	sing grad	e
	Disagree	1	2	Ø	4	5	6	7	Agree

Name:			

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle  _1234567	beneficial
3.	exciting		boring
4.	complicated	_1234567	simple
5.	confusing	_123567	clear
6.	good	<u>_1_2_3_4_5_6_7_</u>	bad
7.	satisfying	middle1234567	frustrating
8.	scary	_1234567	fun
9.	comprehensible	_123 <b>4</b> 567	incomprehensible
10.	challenging	1_1_2_3_4_5_6_7_	not challenging
11.	pleasant	1 2 3 5 6 7	unpleasant
12.	interesting	middle  _1234567_	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1   2   3   4   5   6   7	uncomfortable
15.	worthwhile	_1_2_3_4_5_6_7_	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ 2_ 3_ 4_ 5_ 6_ 7_	organized
18.	safe	_1_2_3_4_5_6_7_	dangerous
19.	tense	_1_2_3_4_5_6_7_	relaxed
20.	insecure	_1_2_3_4_5_6 7_	secure

Name:		

l interact v	I interact with my instructor								
	Infrequently	1	2	3	4	5	6	7	Frequently
In class, I a	sk questions				′				
	Infrequently	1	2	3	1	5	6	7	Frequently
In class, I ii	nteract with my	peers			4				
	Infrequently	1	2	3	A	5	6	7	Frequently
I am motiv	ated to learn ch	emistry							
	Infrequently	1	2	3	1	5	6	7	Frequently
I have trou	ıble focusing in ı	my chem	istry cla	ss					
	Infrequently	1	2	3	/	5	6	7	Frequently
I feel the d	I feel the different topics taught in chemistry are connected to each other								
	Infrequently	1	2	3	1	5	6	7	Frequently
I am likely	to attend class r	regularly							
	Infrequently	1	2	3	F	5	6	7	Frequently
The amou	nt of work in this	s course	will be o	challeng	ing				
	Disagree	1	2	3	1	5	6	7	Agree
The course	content will be	difficult	for me		•				
	Disagree	1	2	3	f	5	6	7	Agree
The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	1	5	6	7	Agree
I will enjoy the course overall									
	Disagree	1	2	3	1	5	6	7	Agree
For this ite	m, circle the nu	mber tw	0						
	Disagree	1	2	3	f	5	6	7	Agree

The conce	epts from the led	ture por	tion of t	he cour	se conne	ct to the	e lab poi	rtion	
	Disagree	1	2	3	1	5	6	7	Agree
I understa	ind chemistry be	tter bec	ause of	the lab a	ctivities				
	Disagree	1	2	3	Æ	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree
l enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	1	5	6 .	7	Agree
I feel well-	prepared for thi	is course	•						
	Disagree	1	2	3	4	5	6	7	Agree
I can hand	le dealing with a	academi	c setbac	ks					
	Disagree	1	2	3	ł	5	6	7	Agree
I am generally curious about chemistry									
	Disagree	1	2	3	4	5	6	7	Agree
I feel confident in my ability to complete my chemistry course with a passing grade									
	Disagree	1	2	3	F	5	6	7	Agree

Name:	

1.	easy	1 2 3 4 6 7	hard
2.	worthless	middle  _1_  2_  3_  4_  <b>9</b> _  6_  7_	beneficial
3.	exciting	_1234 <b></b> 67	boring
4.	complicated	_1_2_3_4_6_7_	simple
5.	confusing	1 2 3 4 <b>9</b> 6 7	clear
6.	good	1   2   3   4   <b>4</b>   6   7   middle	bad
7.	satisfying	1 2 3 4 4 6 7	frustrating
8.	scary	1 2 3 4 <b>9</b> 6 7	fun
9.	comprehensible	_1_2_3_4_4_6_7_	incomprehensible
10.	challenging	<u> </u>	not challenging
11.	pleasant	1 2 3 4 7 6 7 middle	unpleasant
12.	interesting	1 2 3 4 4 6 7	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 <b>6</b> 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 6 7	play
17.	chaotic	middle  1234	organized
18.	safe	<u>_1_2_3_4_6_6_7</u>	dangerous
19.	tense		relaxed
20.	insecure	1   2   3   4   <b>6</b>   6   7	secure

Name:		

I interact v	I interact with my instructor								
	Infrequently	1	2	3	4	4	6	7	Frequently
In class, I a	sk questions								
	Infrequently	1	2	3	4	4	6	7	Frequently
In class, I ii	nteract with my	peers							
	Infrequently	1	2	3	4	5/	6	7	Frequently
I am motiv	ated to learn ch	emistry							
	Infrequently	1	2	3	4	4	6	7	Frequently
I have trou	ıble focusing in r	ny chem	nistry cla	SS					
	Infrequently	1	2	3	4	9	6	7	Frequently
I feel the d	I feel the different topics taught in chemistry are connected to each other								
	Infrequently	1	2	3	4	}	6	7	Frequently
I am likely	to attend class r	egularly							
	Infrequently	1	2	3	4	1	6	7	Frequently
The amou	nt of work in this	s course	will be o	challengi	ng	•			
	Disagree	1	2	3	4	5	6	7	Agree
The course	content will be	difficult	for me						
	Disagree	1	2	3	4	5/	6	7	Agree
The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	4	Ē	6	7	Agree
I will enjoy	the course over	rall				·			
	Disagree	1	2	3	4	Þ	6	7	Agree
For this ite	m, circle the nu	mber tw	О						
	Disagree	1	2	3	4	7	6	7	Agree

The conce	pts from the lect	ure port	tion of tl	he cours	e conne	ct to the	lab port	ion	
	Disagree	1	2	3	4	1	6	7	Agree
I understa	nd chemistry bet	tter beca	use of t	he lab a	ctivities	•			
	Disagree	1	2	3	4	1	6	7	Agree
I will enjoy	the laboratory a	activities	5						
	Disagree	1	2	3	4	9	6	7	Agree
l enjoy thi	nking about cher	nistry ou	ıtside of	my cou	rse work	<b>,</b> 1			
	Disagree	1	2	3	4	1	6 .	7	Agree
I feel well-	prepared for this	course							
	Disagree	1	2	3	4	•	6	7	Agree
I can hand	le dealing with a	cademic	setback	(5		•			
	Disagree	1	2	3	4	ŧ	6	7	Agree
I am gener	ally curious abou	ıt chemi	stry			•			
	Disagree	1	2	3	4	1	6	7	Agree
I feel confi	dent in my abilit	y to com	plete m	y chemi:	stry cou	rse with	a passin	g grade	
	Disagree	1	2	3	4	<b>f</b>	6	7	Agree
						•			

Name:				

1.	easy	1 2 3 4 5 7	hard
2.	worthless	middle  _11234547	beneficial
3.	exciting	_12345_ <b>_4</b> 7	boring
4.	complicated	_123457	simple
5.	confusing	1 2 3 4 5 9 7	clear
6.	good	<u>_1_2_3_4_5_4_7_</u>	bad
7.	satisfying	middle   1   2   3   4   5   6   7	frustrating
8.	scary	1 2 3 4 5 5 7	fun
9.	comprehensible	_1_2_3_4_5_4_7_	incomprehensible
10.	challenging	_123457_	not challenging
11.	pleasant	1 2 3 4 5 7	unpleasant
12.	interesting	middle  _1_ _2_ _3_ _4_ _5_ 7_	dull
13.	disgusting	1_1_2_3_4_5_6_7_	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	_1_2_3_4_5_7_	useless
16.	work	1 2 3 4 5 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5_	organized
18.	safe	_1_2_3_4_5_6_7_	dangerous
19.	tense	_123457	relaxed
20.	insecure	1 2 3 4 5 5 7	secure

Name:		

I interact with my instructor										
ł	Infrequently	1	2	3	4	5	•	7	Frequently	
In class, I ask	questions						•			
ı	Infrequently	1	2	3	4	5	ł	7	Frequently	
In class, I inte	eract with my	peers								
I	Infrequently	1	2	3	4	5	9	7	Frequently	
I am motivat	ed to learn ch	emistry					•			
I	Infrequently	1	2	3	4	5	F	7	Frequently	
I have troubl	I have trouble focusing in my chemistry class									
i	Infrequently	1	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
1	Infrequently	1	2	3	4	5	l	7	Frequently	
I am likely to	attend class r	egularly								
I	Infrequently	1	2	3	4	5	6	7	Frequently	
The amount	of work in this	course	will be c	hallengi	ng					
	Disagree	1	2	3	4	5	Þ	7	Agree	
The course c	ontent will be	difficult	for me							
[	Disagree	1	2	3	4	5	f	7	Agree	
The structure of the class supports the learning of chemistry										
[	Disagree	1	2	3	4	5	ł	7	Agree	
I will enjoy the course overall										
[	Disagree	1	2	3	4	5	F	7	Agree	
For this item	For this item, circle the number two									
[	Disagree	1	2	3	4	5	į.	7	Agree	

The conce	pts from the lect	ure port	ion of th	ne cours	e conne	ct to the	lab port	ion	
	Disagree	1	2	3	4	5	f	7	Agree
l understa	nd chemistry bet	ter beca	use of t	he lab ad	ctivities		•		
	Disagree	1	2	3	4	5	f	7	Agree
I will enjoy	the laboratory a	ctivities					•		
	Disagree	1	2	3	4	5	þ	7	Agree
I enjoy thir	iking about chen	nistry ou	tside of	my coui	rse work		•		
	Disagree	1	2	3	4	5	•	7	Agree
ا-feel well	orepared for this	course							
	Disagree	1	2	3	4	5	þ	7	Agree
I can handl	e dealing with ac	cademic	setback	S					
	Disagree	1	2	3	4	5	Þ	7	Agree
l am genera	ally curious abou	t chemi:	stry				-		
	Disagree	1	2	3	4	5	1	7	Agree
I feel confid	dent in my ability	to com	plete m	y chemis	stry cour	se with	a passing	g grade	
	Disagree	1	2	3	4	5	•	7	Agree

Name:	

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle	beneficial
3.	exciting	_123456_ <b>_V</b>	boring
4.	complicated		simple
5.	confusing	_1_ _2_ _3_ _4_ _5_ _6_  <b>\[</b>	clear
6.	good	_1_ 2_ 3_ 4_ 5_ 6_ 7_  middle	bad
7.	satisfying	middle   1   2   3   4   5   6   7	frustrating
8.	scary	_1123456 <b>7</b>	fun
9.	comprehensible	_1123456 <b>/</b>	incomprehensible
10.	challenging	_1123456 <b>7</b>	not challenging
11.	pleasant	_1_ 2_ 3_ 4_ 5_ 6_  <b>7</b> _  middle	unpleasant
12.	interesting	middle  _1_ _2_ _3_ _4_ _5_ _6_ _ <b>7</b> _	dull
13.	disgusting	_123456 <b>7</b>	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	_1_2_3_4_5_6_ <b>7</b>	useless
16.	work		play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5_ _6_ _1_	organized
18.	safe	1 2 3 4 5 6	dangerous
19.	tense		relaxed
20.	insecure	_1_2_3_4_5_6	secure

Name:		
Name.		

I interact with my instructor											
	Infrequently	1	2	3	4	5	6	1	Frequently		
In class, I a	In class, I ask questions										
	Infrequently	1	2	3	4	5	6	1	Frequently		
In class, I interact with my peers											
	Infrequently	1	2	3	4	5	6	1	Frequently		
I am motiv	ated to learn ch	emistry						•			
	Infrequently	1	2	3	4	5	6	<b>b</b>	Frequently		
I have trouble focusing in my chemistry class											
	Infrequently	1	2	3	4	5	6	7	Frequently		
I feel the different topics taught in chemistry are connected to each other											
	Infrequently	1	2	3	4	5	6	1	Frequently		
I am likely	to attend class r	egularly									
	Infrequently	1	2	3	4	5	6	1	Frequently		
The amour	nt of work in this	course	will be o	hallengi	ng			4			
	Disagree	1	2	3	4	5	6	þ	Agree		
The course	content will be	difficult	for me								
	Disagree	1	2	3	4	5	6	1	Agree		
The structure of the class supports the learning of chemistry											
	Disagree	1	2	3	4	5	6	<b>[</b>	Agree		
I will enjoy the course overall											
	Disagree	1	2	3	4	5	6	1	Agree		
For this ite	m, circle the nui	mber tw	o								
	Disagree	1	2	3	4	5	6	1	Agree		

The conce	pts from the lect	ture port	tion of tl	ne cours	e conne	ct to the	lab portior	1	
	Disagree	1	2	3	4	5	6	Agree	
I understa	nd chemistry bet	tter beca	use of t	he lab a	ctivities				
	Disagree	1	2	3	4	5	6	Agree	
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	Agree	
l enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6.	Agree	
I feel well-	prepared for this	s course					١		
	Disagree	1	2	3	4	5	6	Agree	
I can hand	le dealing with a	cademic	setback	:5					
	Disagree	1	2	3	4	5	6	Agree	
I am gener	ally curious abou	ut chemi	stry						
	Disagree	1	2	3	4	5	6	Agree	
I feel confi	dent in my abilit	y to com	plete m	y chemi:	stry cou	rse with	a passing g	rade	
	Disagree	1	2	3	4	5	6	Agree	

Name:				

1.	easy	1 2 3 4 5 6 7 middle	hard
2.	worthless	1   2   3   4   5   6   7	beneficial
3.	exciting	1 2 3 4 5 6 7	boring
4.	complicated		simple
5.	confusing		clear
6.	good	2   3   4   5   6   7   middle	bad
7.	satisfying	middle	frustrating
8.	scary		fun
9.	comprehensible		incomprehensible
10.	challenging		not challenging
11.	pleasant	2   3   4   5   6   7   middle	unpleasant
12.	interesting	1   2   3   4   5   6   7	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable		uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	2 3 4 5 6 7	play
17.	chaotic	middle	organized
18.	safe		dangerous
19.	tense		relaxed
20.	insecure	2   3   4   5   6   7	secure

Name:		

I interact with my instructor											
i interace w	Infrequently		2	3	4	5	6	7	Frequently		
In class, I as	sk questions	1									
·	Infrequently	1	2	3	4	5	6	7	Frequently		
In class, I interact with my peers											
	Infrequently	1	2	3	4	5	6	7	Frequently		
I am motiva	ated to learn ch	•									
	Infrequently	1	2	3	4	5	6	7	Frequently		
I have troul	I have trouble focusing in my chemistry class										
	Infrequently	1	2	3	4	5	6	7	Frequently		
Infrequently 1 2 3 4 5 6 7 Frequently I feel the different topics taught in chemistry are connected to each other											
	Infrequently	1	2	3	4	5	6	7	Frequently		
I am likely to attend class regularly											
	Infrequently	1	2	3	4	5	6	7	Frequently		
The amoun	t of work in this	•									
	Disagree	1	2	3	4	5	6	7	Agree		
The course	content will be	difficult	for me								
	Disagree	4	2	3	4	5	6	7	Agree		
The structure of the class supports the learning of chemistry											
	Disagree	1	2	3	4	5	6	7	Agree		
I will enjoy the course overall											
	Disagree	1	2	3	4	5	6	7	Agree		
For this item, circle the number two											
	Disagree	1	2	3	4	5	6	7	Agree		

Disa	gree 1	4	2	3	4	5	6	7	A
I understand che	mistry bette	r becau	use of th	ne lab ac	tivities				
Disag	gree 1	1	2	3	4	5	6	7	A
I will enjoy the la	boratory act	tivities							
Disag	gree 1	1	2	3	4	5	6	7	Δ
I enjoy thinking a	bout chemis	stry out	side of	my cour	se work				
Disag	gree 1	1	2	3	4	5	6 .	7	A
I feel well-prepar									
Disag	ree 1	1	2	3	4	5	6	7	Þ
I can handle deal		•							
Disag	ree 1	•	2	3	4	5	6	7	Δ
I am generally cu	rious about	chemis	try						
Disag I feel confident in	ree 1	1	2	3	4	5	6	7	Δ
I feel confident in	my ability t	o comp	lete my	chemis	try cour	se with	a passing	g grade	
Disag	ree	!	2	3	4	5	6	7	

		×.		

Name:	

1.	easy	1 3 4 5 6 7 middle	hard
2.	worthless	middle  _1 2_ _3 4 5 67	beneficial
3.	exciting	1 3 4 5 6 7	boring
4.	complicated	1	simple
5.	confusing	1_1_3_1_45_6_7_	clear
6.	good	_1_ 2_ 3_ 4_ 5_ 6_ 7_  middle	bad
7.	satisfying	1   3   4   5   6   7	frustrating
8.	scary	1	fun
9.	comprehensible	<u>_1_2_3_4_5_6_7_</u>	incomprehensible
10.	challenging	_1_ _2_ _3_ _4_ _5_ _6_ _7_	not challenging
11.	pleasant	1 3 4 5 6 7	unpleasant
12.	interesting	middle	dull
13.	disgusting	_1134567	attractive
14.	comfortable	1 3 4 5 6 7	uncomfortable
15.	worthwhile	1 3 4 5 6 7	useless
16.	work	1 3 4 5 6 7	play
17.	chaotic	middle  _1_ _1_ _3_ _4_ _5_ 6_ _7_	organized
18.	safe	1 2 3 4 5 6 7	dangerous
19.	tense	_134567	relaxed
20.	insecure	1 <b>6</b> 3 4 5 6 7	secure

Name:		

l interact w	I interact with my instructor									
	Infrequently	1	1	3	4	5	6	7	Frequently	
In class, I a	sk questions									
	Infrequently	1	7	3	4	5	6	7	Frequently	
In class, I ir	nteract with my	peers	•							
	Infrequently	1	<b>2</b>	3	4	5	6	7	Frequently	
I am motiv	ated to learn ch	emistry								
	Infrequently	1	2	3	4	5	6	7	Frequently	
I have trou	I have trouble focusing in my chemistry class									
	Infrequently	1	1	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	1	3	4	5	6	7	Frequently	
I am likely	I am likely to attend class regularly									
	Infrequently	1	7	3	4	5	6	7	Frequently	
The amour	nt of work in this	s course	will be o	hallengi	ng					
	Disagree	1	7	3	4	5	6	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	F	3	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry										
	Disagree	1	4	3	4	5	6	7	Agree	
I will enjoy the course overall										
	Disagree	1	ŧ	3	4	5	6	7	Agree	
For this ite	m, circle the nu	mber tw	0							
	Disagree	1	1	3	4	5	6	7	Agree	

Dis	agree	1	1	3	4	5	6	7	Α
I understand ch	emistry b	etter be	ecause o	f the lab	activitie	es			
Dis	agree	1	2	3	4	5	6	7	Α
I will enjoy the	laborator	y activit	ies						
Dis	agree	1	7	3	4	5	6	7	Α
I enjoy thinking			•						
Disa	agree	1	1	3	4	5	6 .	7	Α
I feel well-prepa	ared for the	his cour	se						
Disa	agree	1	7	3	4	5	6	7	A
I can handle dea	aling with	academ	nic setba	cks					
Disa	agree	1	1	3	4	5	6	7	Α
I am generally c	urious ab	out che	mistry						
Disa	agree	1	1	3	4	5	6	7	Α
									le
I feel confident	iiiy abii	,		,	, ,				

Name:			

hard	4 5 6 7 middle	_112	easy	1.
beneficial	4 5 6 7	_112	worthless	2.
boring	7 4 5 6 7	_12	exciting	3.
simple	1 4 5 6 7	_1_2	complicated	4.
clear	<b>1</b> 4 5 6 7	_123	confusing	5.
bad	1 4 5 6 7 middle	_112	good	6.
frustrating	1 4 5 6 7	_12	satisfying	7.
fun	4 5 6 7	_12	scary	8.
incomprehensible	7 4 5 6 7	_12	comprehensible	9.
not challenging	<b>9</b> 4 5 6 7	_12	challenging	10.
unpleasant	1 4 5 6 7 middle	_112	pleasant	11.
dull	7 4 5 6 7	_123	interesting	12.
attractive	<b>f</b> 4 5 6 7	_121	disgusting	13.
uncomfortable	<b>6</b> 4567	1_1_2_	comfortable	14.
useless	4 5 6 7	_12	worthwhile	15.
play	14567	_121	work	16.
organized	middle  4567	_112	chaotic	17.
dangerous	45_67_	_112	safe	18.
relaxed	β_ _4_ _5_ _67_	_1_ _2_ _ <b>\beta</b>	tense	19.
secure	4 5 6 7	_1   2   \$	insecure	20.

Name:		

I interact v	I interact with my instructor									
	Infrequently	1	2	1	4	5	6	7	Frequently	
In class, I a	sk questions			•						
	Infrequently	1	2	1	4	5	6	7	Frequently	
In class, I i	nteract with my	peers		•						
	Infrequently	1	2	j	4	5	6	7	Frequently	
I am motiv	ated to learn ch	emistry		•						
	Infrequently	1	2	3	4	5	6	7	Frequently	
I have trou	I have trouble focusing in my chemistry class									
	Infrequently	1	2	7	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	2	3	4	5	6	7	Frequently	
I am likely	to attend class i	regularly	,							
	Infrequently	1	2	7	4	5	6	7	Frequently	
The amou	nt of work in thi	s course	will be o	challeng	ing					
	Disagree	1	2	1	4	5	6	7	Agree	
The course	e content will be	difficult	for me	-						
	Disagree	1	2	1	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry										
	Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy	I will enjoy the course overall									
	Disagree	1	2	3	4	5	6	7	Agree	
For this ite	em, circle the nu	mber tw	o'	•						
	Disagree	1	2	1	4	5	6	7	Agree	

The concepts from the lecture portion of the course connect to the lab portion									
	Disagree	1	2	3/	4	5	6	7	Agree
I understand chemistry better because of the lab activities									
	Disagree	1	2	1	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree
I enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6 .	7	Agree
I feel well-	prepared for thi	s course		,					
	Disagree	1	2	7	4	5	6	7	Agree
I can hand	le dealing with a	cademic	setback	KS.					
	Disagree	1	2	7	4	5	6	7	Agree
I am gene	rally curious abo	ut chemi	istry	•					
	Disagree	1	2	3	4	5	6	7	Agree
I feel confi	ident in my abilit	y to con	plete m	y chemi	stry cou	rse with	a passir	ng grade	
	Disagree	1	2	1	4	5	6	7	Agree
				•					

Name:			

1.	easy	2 3 4 5 6 7	hard
2.	worthless	middle  _1_  <b>2</b> _ 3_ 4_ 5_ 6_ 7_	beneficial
3.	exciting	_1_2_8_4_5_6_7_	boring
4.	complicated	_1_2_3_4_5_6_7_	simple
5.	confusing	1 2 3 4 4 6 7	clear
6.	good	<u>_1_2_3_4_5_</u> 7_	bad
7.	satisfying	middle123457	frustrating
8.	scary	_123467_	fun
9.	comprehensible		incomprehensible
10.	challenging	_124567	not challenging
11.	pleasant	1 3 4 5 6 7	unpleasant
12.	interesting	middle  lx _2	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 5 6 7	useless
16.	work	1 2 3 4 6 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5_  \$\blacksquare{4}\$   7_	organized
18.	safe	1 2 3 4 5 6 7	dangerous
19.	tense	_123457	relaxed
20.	insecure	1 2 3 4 6 6 7	secure

Name:		

I interact with	h my instructo	r								
łı	nfrequently	1	2	3	K	5	6	7	Frequently	
In class, I ask	questions									
łı	nfrequently	1	2	ł	4	5	6	7	Frequently	
In class, I inte	In class, I interact with my peers									
lı	nfrequently	1	*	3	4	5	6	7	Frequently	
	ed to learn che									
lı	nfrequently	X	2	3	4	5	6	7	Frequently	
I have trouble	I have trouble focusing in my chemistry class									
li	nfrequently	1	1	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
11	nfrequently	1	2	<b>X</b>	4	5	6	7	Frequently	
I am likely to	attend class re	egularly								
lı	nfrequently	1	2	3	×	5	6	7	Frequently	
The amount of	of work in this	course	will be c	hallengir	ng					
C	Disagree	1	2	3	4	Ź	6	7	Agree	
The course co	ontent will be	difficult	for me				•			
	Disagree	1	2	3	4	5	X	7	Agree	
The structure of the class supports the learning of chemistry										
D	Disagree	1	2	3	4	5	6	X	Agree	
I will enjoy the course overall										
C	Disagree	1	2	3	4	5	8	7	Agree	
For this item,	, circle the nun	nber two	ס				•			
D	Disagree	1	2	3	4	X	6	7	Agree	

The conc	epts from the	lecture po	ortion of	f the cou	rse conr	nect to t	he lab p	ortion	
	Disagree	1	2	3	X	5	6	7	Agree
I understa	and chemistry	better be	cause o	f the lab	activitie	es			
	Disagree	1	2	X	4	5	6	7	Agree
I will enjo	y the laborato	ry activiti	es						
	Disagree	1	V	3	4	5	6	7	Agree
I enjoy th	inking about c	hemistry	outside	of my co	ourse wo	ork			
	Disagree	4	2	3	4	5	6 .	7	Agree
I feel well	-prepared for	this cours	e						
	Disagree	1	1	3	4	5	6	7	Agree
I can hand	dle dealing wit	h academ	ic setba	cks					
	Disagree	1	2	¥	4	5	6	7	Agree
I am gene	rally curious a	bout cher	nistry						
	Disagree	1	2	3	X	5	6	7	Agree
I feel conf	ident in my ak	oility to co	mplete	my cher	nistry co	ourse wit	h a pass	sing grad	e
	Disagree	1	2	3	4	く	6	7	Agree

Name:			

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle	beneficial
3.	exciting	_1_2_3_4_5_6_7_	boring
4.	complicated	1 2 3 5 6 7	simple
5.	confusing	1_2_4_5_6_7_	clear
6.	good	1 3 4 5 6 7	bad
7.	satisfying	middle 2 3 4 5 6 7	frustrating
8.	scary	1 3 3 4 5 6 7	fun
9.	comprehensible	_124567	incomprehensible
10.	challenging	1 2 3 5 6 7	not challenging
11.	pleasant	1 2 3 4 4 6 7	unpleasant
12.	interesting	middle  _12345467_	dull
13.	disgusting	1 2 3 4 5 6	attractive
14.	comfortable	1 2 3 4 5 7	uncomfortable
15.	worthwhile	1 2 3 4 4 6 7	useless
16.	work	1 2 3 5 6 7	play
17.	chaotic	middle  _1_ 2_  <b>X</b> 3_ _4_ _5_ 6_ _7_	organized
18.	safe	1 3 4 5 6 7	dangerous
19.	tense		relaxed
20.	insecure	_1_3_4_5_6_7_	secure

Name:		

I interact with m	I interact with my instructor									
Infre	quently	1	2	X	4	5	6	7	Frequently	
In class, I ask que	estions									
Infre	quently	1	2	3	*	5	6	7	Frequently	
In class, I interac	t with my	peers								
Infre	quently	1	2	3	4	*	6	7	Frequently	
I am motivated to learn chemistry										
Infre	quently	1	2	3	4	5	×	7	Frequently	
I have trouble fo	I have trouble focusing in my chemistry class									
Infre	quently	1	2	3	4	5	6	<b>Z</b>	Frequently	
I feel the different topics taught in chemistry are connected to each other										
Infre	quently	1	2	3	4	5	×	7	Frequently	
I am likely to atte	I am likely to attend class regularly									
Infre	quently	1	2	3	4	X	6	7	Frequently	
The amount of w	ork in this	s course	will be o	hallengi	ng					
Disag	gree	1	2	3	X	5	6	7	Agree	
The course conte	ent will be	difficult	for me							
Disag	gree	1	2	X	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry										
Disag	gree	1	X	3	4	5	6	7	Agree	
I will enjoy the co	I will enjoy the course overall									
Disag	gree	X	2	3	4	5	6	7	Agree	
For this item, circ	cle the nu	mber tw	o							
Disag	gree	1	X	3	4	5	6	7	Agree	

The conce	pts from the lect	ure port	ion of th	ne cours	e connec	ct to the	e lab por	tion	
	Disagree	1	2	×	4	5	6	7	Agree
I understa	nd chemistry bet	tter beca	use of t	he lab a	ctivities				
	Disagree	1	2	3	×	5	6	7	Agree
I will enjoy	the laboratory a	activities	;		•				
	Disagree	1	2	3	4	X	6	7	Agree
I enjoy thir	nking about chen	nistry ou	ıtside of	my cou	rse work	•			
	Disagree	1	2	3	4	5	<b>X</b> .	7	Agree
I feel well-	prepared for this	course					•		
	Disagree	1	2	3	4	5	6	<b>Y</b>	Agree
I can handl	e dealing with a	cademic	setback	S				•	
	Disagree	1	2	3	4	5	<b>K</b>	7	Agree
l am gener	ally curious abou	ıt chemi	stry				•		
	Disagree	1	2	3	4	X	6	7	Agree
I feel confid	dent in my ability	y to com	plete m	y chemis	stry cour	se with	a passir	ng grade	
	Disagree	1	2	3	o(	5	6	7	Agree

Name:			

1.	easy	<u>  2   3   4   5   6   7  </u> middle	hard
2.	worthless	middle   2   3   4   5   6   7	beneficial
3.	exciting	2   3   4   5   6   7	boring
4.	complicated	1 2 3 4 5 6 7	simple
5.	confusing	2 3 4 5 6 7	clear
6.	good	<u> </u>	bad
7.	satisfying	1   2   3   4   5   6   7	frustrating
8.	scary	2 3 4 5 6 7	fun
9.	comprehensible		incomprehensible
10.	challenging		not challenging
11.	pleasant	<b>X</b> _ _2_ _3_ 4_ 5_ 6_ 7_  middle	unpleasant
12.	interesting		dull
13.	disgusting	2 3 4 5 6 7	attractive
14.	comfortable	2 3 4 5 6 7	uncomfortable
15.	worthwhile	2 3 4 5 6 7	useless
16.	work	2 3 4 5 6 7	play
17.	chaotic	middle   \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	organized
18.	safe	2 3 4 5 6 7	dangerous
19.	tense	2 3 4 5 6 7	relaxed
20.	insecure	<b>     </b> 2   3   4   5   6   7	secure

Name:		

I interact v	I interact with my instructor									
	Infrequently	×	2	3	4	5	6	7	Frequently	
In class, I a	sk questions									
	Infrequently	X	2	3	4	5	6	7	Frequently	
In class, I i	nteract with my	peers								
	Infrequently	X	2	3	4	5	6	7	Frequently	
I am motiv	I am motivated to learn chemistry									
	Infrequently	X	2	3	4	5	6	7	Frequently	
I have trouble focusing in my chemistry class										
	Infrequently	¥	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	X	2	3	4	5	6	7	Frequently	
I am likely	I am likely to attend class regularly									
	Infrequently	K	2	3	4	5	6	7	Frequently	
The amou	nt of work in thi	is course	will be o	challengi	ng					
	Disagree	×	2	3	4	5	6	7	Agree	
The course	e content will be	e difficult	for me							
	Disagree	X	2	3	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry										
	Disagree	×	2	3	4	5	6	7	Agree	
I will enjoy	I will enjoy the course overall									
	Disagree	X	2	3	4	5	6	7	Agree	
For this ite	m, circle the nu	•	0							
	Disagree	¥	2	3	4	5	6	7	Agree	

The conc	The concepts from the lecture portion of the course connect to the lab portion								
	Disagree	K	2	3	4	5	6	7	Agree
I underst	and chemistry	y better beca	ause o	of the lab	activitie	es			
	Disagree	×	2	3	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	X	2	3	4	5	6	7	Agree
I enjoy th	I enjoy thinking about chemistry outside of my course work								
	Disagree	X	2	3	4	5	6 .	7	Agree
I feel well	-prepared for	this course							
	Disagree	X	2	3	4	5	6	7	Agree
I can hand	dle dealing wi	th academic	setba	acks					
	Disagree	*	2	3	4	5	6	7	Agree
I am gene	rally curious	about chemi	stry						
	Disagree	×	2	3	4	5	6	7	Agree
I feel conf	ident in my a	bility to com	plete	my chem	nistry co	ourse wit	h a pass	sing grad	е
	Disagree	¥	2	3	4	5	6	7	Agree

Name:				

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle  _1/	beneficial
3.	exciting	1 2 3 4 5 6 7	boring
4.	complicated	1/ 2 3 4 5 6 7	simple
5.	confusing		clear
6.	good		bad
7.	satisfying	middle  1/23 _4567	frustrating
8.	scary	<u>                                      </u>	fun
9.	comprehensible	1/234567	incomprehensible
10.	challenging		not challenging
11.	pleasant	Y 2 3 4 5 6 7	unpleasant
12.	interesting	middle  1/ _2 _3 _4 _5 6 _7	dull
13.	disgusting	<u>                                     </u>	attractive
14.	comfortable	_1 <u>1</u>	uncomfortable
15.	worthwhile		useless
16.	work	1 2 3 4 5 6 7 middle	play
17.	chaotic	middle  _1/234567	organized
18.	safe	1 2 3 4 5 6 7	dangerous
19.	tense	_1_2_3_4_5_6_7_	relaxed
20.	insecure	1 2 3 4 5 6 7	secure

Name:		

	_		_							
I interact v	with my instruct	or								
	Infrequently	1/	2	3	4	5	6	7	Frequently	
In class, I a	sk questions	/								
	Infrequently	1/	2	3	4	5	6	7	Frequently	
In class, I i	nteract with my	•								
	Infrequently	<b>*</b>	2	3	4	5	6	7	Frequently	
I am motiv	I am motivated to learn chemistry									
	Infrequently	1/	2	3	4	5	6	7	Frequently	
I have trou	I have trouble focusing in my chemistry class									
	Infrequently	1/	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1/	2	3	4	5	6	7	Frequently	
I am likely	to attend class i	regularly	1							
	Infrequently	<del>}</del>	2	3	4	5	6	7	Frequently	
The amou	nt of work in thi									
	Disagree	1/	2	3	4	5	6	7	Agree	
The course	e content will be									
	Disagree	1	2	3	4	5	6	7	Agree	
The struct	ure of the class									
	Disagree	<i>J</i>	2	3	4	5	6	7	Agree	
I will enjoy	I will enjoy the course overall									
	Disagree	<b>1</b> /	2	3	4	5	6	7	Agree	
For this ite	em, circle the nu	mber tw	0							
	Disagree	1	2	3	4	5	6	7	Agree	
		,								

The conce	ots from the lect	ure port	ion of th	ne cours	e connec	ct to the	lab port	ion	
	Disagree	1	2	3	4	5	6	7	Agree
I understar	nd chemistry bet								
	Disagree	1/	2	3	4	5	6	7	Agree
I will enjoy	will enjoy the laboratory activities								
	Disagree	1	2	3	4	5	6	7	Agree
l enjoy thin	Disagree 1 2 3 4 5 6 7 Agree enjoy thinking about chemistry outside of my course work								
	Disagree	1,	2	3	4	5	6 .	7	Agree
l feel well-p	prepared for this	course							
	Disagree	1/	2	3	4	5	6	7	Agree
I can handl	e dealing with a								
	Disagree	1	2	3	4	5	6	7	Agree
l am genera	ally curious abou	•							
	Disagree	1/	2	3	4	5	6	7	Agree
feel confic	dent in my ability	•							
	Disagree	1/	2	3	4	5	6	7	Agree

Name:	

1.	easy	1 2 3 4 5 6 7	hard
2.	worthless	middle	beneficial
3.	exciting	_12_345_67	boring
4.	complicated	1 2 3 4 5 6 7	simple
5.	confusing	1 2 3 4 5 6 7	clear
6.	good	_1_ _8_ _3_ _45_ 6_ _7_  middle	bad
7.	satisfying	1 2 3 4 5 6 7	frustrating
8.	scary	1 0 3 4 5 6 7	fun
9.	comprehensible	1 6 3 4 5 6 7	incomprehensible
10.	challenging	1_1_2_3_4_5_6_7_	not challenging
11.	pleasant	1 3 4 5 6 7 middle	unpleasant
12.	interesting	1 2 3 4 5 6 7	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_(2)   3   4   5   6   7	organized
18.	safe	_1234567_	dangerous
19.	tense	_1134567	relaxed
20.	insecure	_1834567	secure

Name:		

In class, I ask questions  Infrequently 1  3  4  5  6  7  Frequent In class, I interact with my peers  Infrequently 1  3  4  5  6  7  Frequent I am motivated to learn chemistry  Infrequently 1  3  4  5  6  7  Frequent I have trouble focusing in my chemistry class  Infrequently 1  3  4  5  6  7  Frequent I feel the different topics taught in chemistry are connected to each other  Infrequently 1  3  4  5  6  7  Frequent I am likely to attend class regularly										
In class, I ask questions  Infrequently 1	l interact v	I interact with my instructor								
Infrequently 1 3 3 4 5 6 7 Frequent In class, I interact with my peers  Infrequently 1 3 3 4 5 6 7 Frequent Infrequently 1 3 3 4 5 6 7 Frequent I have trouble focusing in my chemistry class  Infrequently 1 3 3 4 5 6 7 Frequent I feel the different topics taught in chemistry are connected to each other Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I may be challenging  I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I may be challenging  Disagree 1 3 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 3 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 3 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 3 3 4 5 6 7 Agree  For this item, circle the number two		Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently
In class, I interact with my peers  Infrequently 1 2 3 4 5 6 7 Frequent I am motivated to learn chemistry  Infrequently 1 3 3 4 5 6 7 Frequent I have trouble focusing in my chemistry class  Infrequently 1 3 3 4 5 6 7 Frequent I feel the different topics taught in chemistry are connected to each other  Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I am output of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	In class, I a	ask questions								
Infrequently 1 3 3 4 5 6 7 Frequent I am motivated to learn chemistry Infrequently 1 3 3 4 5 6 7 Frequent I have trouble focusing in my chemistry class Infrequently 1 3 3 4 5 6 7 Frequent I feel the different topics taught in chemistry are connected to each other Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly Infrequently 1 2 3 4 5 6 7 Frequent I may be challenging Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two		Infrequently	1	<b>&amp;</b>	3	4	5	6	7	Frequently
I am motivated to learn chemistry  Infrequently 1 3 3 4 5 6 7 Frequent I have trouble focusing in my chemistry class  Infrequently 1 3 3 4 5 6 7 Frequent I feel the different topics taught in chemistry are connected to each other Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I might be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 3 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 3 3 4 5 6 7 Agree  For this item, circle the number two	In class, I i	nteract with my	peers							
Infrequently 1 3 3 4 5 6 7 Frequently I 3 3 4 5 6 7 Frequently Infrequently 1 3 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Frequently Infrequently 1 2 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 3 4 5 6 7 Agree Infrequently Infrequently 1 2 3 4 5 6 7 Agree Infrequently Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 3 4 5 6 7 Agree Infrequently 1 2 3 4 5 6 7 Agree Infrequently 1 3 4 5 6 7 Agree Infrequent		Infrequently	1	8	3	4	5	6	7	Frequently
I have trouble focusing in my chemistry class  Infrequently 1 3 3 4 5 6 7 Frequent  I feel the different topics taught in chemistry are connected to each other  Infrequently 1 2 3 4 5 6 7 Frequent  I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent  The amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	I am motiv	ated to learn ch	emistry							
Infrequently 1 3 3 4 5 6 7 Frequent I feel the different topics taught in chemistry are connected to each other Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 3 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 3 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 3 3 4 5 6 7 Agree  For this item, circle the number two		Infrequently	1	<b>3</b>	3	4	5	6	7	Frequently
I feel the different topics taught in chemistry are connected to each other  Infrequently 1 2 3 4 5 6 7 Frequent  I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent  The amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 3 3 4 5 6 7 Agree  For this item, circle the number two	I have tro	uble focusing in 1	my chen	nistry cla	SS					
Infrequently 1 2 3 4 5 6 7 Frequent I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent I 2 3 4 5 6 7 Frequent I 2 3 4 5 6 7 Agree  The amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 3 3 4 5 6 7 Agree  For this item, circle the number two		Infrequently	1	<u> </u>	3	4	5	6	7	Frequently
I am likely to attend class regularly  Infrequently 1 2 3 4 5 6 7 Frequent  The amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	I feel the different topics taught in chemistry are connected to each other									
Infrequently 1  3  4  5  6  7  Frequent The amount of work in this course will be challenging  Disagree 1  3  4  5  6  7  Agree  The course content will be difficult for me  Disagree 1  3  4  5  6  7  Agree  The structure of the class supports the learning of chemistry  Disagree 1  3  4  5  6  7  Agree  I will enjoy the course overall  Disagree 1  3  4  5  6  7  Agree  For this item, circle the number two		Infrequently	1	2	3	4	5	6	7	Frequently
The amount of work in this course will be challenging  Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	I am likely	to attend class i	regularly	/						
Disagree 1 2 3 4 5 6 7 Agree  The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two		Infrequently	1	<b>2</b> 0	3	4	5	6	7	Frequently
The course content will be difficult for me  Disagree 1 2 3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	The amou	nt of work in thi	s course	will be o	challeng	ing				
Disagree 1  3 4 5 6 7 Agree  The structure of the class supports the learning of chemistry  Disagree 1  3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1  3 3 4 5 6 7 Agree  For this item, circle the number two		Disagree	1	<b>②</b>	3	4	5	6	7	Agree
The structure of the class supports the learning of chemistry  Disagree 1 2 3 4 5 6 7 Agree  I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	The course	e content will be	difficul	t for me						
Disagree 1 2 3 4 5 6 7 Agree I will enjoy the course overall Disagree 1 2 3 4 5 6 7 Agree For this item, circle the number two		Disagree	1	<b>②</b>	3	4	5	6	7	Agree
I will enjoy the course overall  Disagree 1 2 3 4 5 6 7 Agree  For this item, circle the number two	The structure of the class supports the learning of chemistry									
Disagree 1 2 3 4 5 6 7 Agree For this item, circle the number two		Disagree	1	<u> 2</u>	3	4	5	6	7	Agree
For this item, circle the number two	I will enjoy the course overall									
		Disagree	1	Ø	3	4	5	6	7	Agree
Disagree 1 2 3 4 5 6 7 Agree	For this ite	em, circle the nu	mber tv	<b>/</b> 0						
		Disagree	1	2	3	4	5	6	7	Agree

rne conce	pts from the lect	ure pon	tion of tr	ie course	e connec	ct to the	lab port	ion	
	Disagree	1	2	3	4	5	6	7	Agree
I understa	nd chemistry bet	ter beca	ause of ti	he lab ac	tivities				
	Disagree	1	<b>@</b>	3	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree
I enjoy thir	enjoy thinking about chemistry outside of my course work								
	Disagree	1	<u> 2</u>	3	4	5	6 .	7	Agree
ا feel well-	orepared for this	course							
	Disagree	1	<b>Ø</b>	3	4	5	6	7	Agree
I can handl	e dealing with a	cademic	setback	5					
	Disagree	1	6	3	4	5	6	7	Agree
l am genera	ally curious abou	ıt chemi	stry						
	Disagree	1		3	4	5	6	7	Agree
feel confid	feel confident in my ability to complete my chemistry course with a passing grade								
	Disagree	1	<b>2</b>	3	4	5	6	7	Agree

Name:			

1.	easy	<u>_1_2_</u> <u>_3_45_6_7_</u>	hard
2.	worthless	middle  _1_ _2_ 3 _4567	beneficial
3.	exciting	_1234567	boring
4.	complicated	_1234567	simple
5.	confusing	_12	clear
6.	good	1 2 3 4 5 6 7	bad
7.	satisfying	middle	frustrating
8.	scary	1_1_2_3_4_5_6_7_	fun
9.	comprehensible	_1234567	incomprehensible
10.	challenging	1 2 3 4 5 6 7	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	middle   1   2   9   4   5   6   7	dull
13.	disgusting	11284567	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle	organized
18.	safe	_1_2_3_4_5_6_7_	dangerous
19.	tense	_1124567	relaxed
20.	insecure	1 2 3 4 5 6 7	secure

Name:		

l interact v	I interact with my instructor									
	Infrequently	1	2	3	4	5	6	7	Frequently	
In class, I a	sk questions									
	Infrequently	1	2	3	4	5	6	7	Frequently	
In class, I ii	In class, I interact with my peers									
	Infrequently	1	2	<b>5</b>	4	5	6	7	Frequently	
I am motiv	ated to learn ch	emistry								
	Infrequently	1	2	3	4	5	6	7	Frequently	
I have trou	ble focusing in r	ny chem	istry cla	iss						
	Infrequently	1	2	ŝ	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	2	3	4	5	6	7	Frequently	
I am likely	to attend class r	egularly								
	Infrequently	1	2	3	4	5	6	7	Frequently	
The amour	nt of work in this	s course	will be o	challengi	ng					
	Disagree	1	2	ð	4	5	6	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	2	<u>3</u>	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry										
	Disagree	1	2	ð	4	5	6	7	Agree	
I will enjoy the course overall										
	Disagree	1	2	3	4	5	6	7	Agree	
For this ite	m, circle the nu	mber tw	o							
	Disagree	1	2	3	4	5	6	7	Agree	

The conce	pts from the lect	ure port	ion of tr	ne course	connec	t to the	lab port	ion	
	Disagree	1	2	3	4	5	6	7	Agree
l understar	nd chemistry bet	ter beca	use of ti	he lab ac	tivities				
	Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree
enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6 .	7	Agree
ا-feel well	orepared for this	course							
	Disagree	1	2	3	4	5	6	7	Agree
I can handl	e dealing with ac	ademic	setback	S					
	Disagree	1	2	3	4	5	6	7	Agree
l am genera	ally curious abou	t chemis	stry						
	Disagree	1	2	3	4	5	6	7	Agree
I feel confid	feel confident in my ability to complete my chemistry course with a passing grade								
	Disagree	1	2	3	4	5	6	7	Agree

Name:				

1.	easy	0 2 3 4 5 6 7	hard
2.	worthless	middle  _1_	beneficial
3.	exciting	_1234567	boring
4.	complicated	_1_2_3_4_5_6_7_	simple
5.	confusing	1 2 3 4 5 6 7	clear
6.	good	<u>_1_2_3_4_5_6</u> 7_	bad
7.	satisfying	middle  _123_ _456_ 7	frustrating
8.	scary	_1234567	fun
9.	comprehensible	_123467	incomprehensible
10.	challenging	1 2 3 5 5 6 7	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	middle  _1234567	dull
13.	disgusting	0 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5  6_ _7_	organized
18.	safe	_1_2_3_4_5_6_7_	dangerous
19.	tense	_12345_6	relaxed
20.	insecure	_1234567	secure

Name:		

I interact with my instructor										
	Infrequently	<b>①</b>	2	3	4	5	6	7	Frequently	
In class, I a	In class, I ask questions									
	Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently	
In class, I in	In class, I interact with my peers									
	Infrequently	1	2	3	4	5	6	7	Frequently	
I am motiva	ated to learn ch	emistry								
	Infrequently	1	2	3	4	5	6	7	Frequently	
I have trou	ble focusing in 1	my chem	nistry cla	ss						
	Infrequently	1	2	3	4	<u>\$</u>	6	7	Frequently	
I feel the di	ifferent topics t	aught in	chemist	ry are c	onnecte	d to eacl	n other			
	Infrequently	1	2	3	4	5	<b>6</b>	7	Frequently	
I am likely t	to attend class	regularly	,							
	Infrequently	1	2	3	4	5	6	<u>Ø</u>	Frequently	
The amoun	nt of work in thi	s course	will be o	challeng	ing					
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	2	3	4	(5)	6	7	Agree	
The structure of the class supports the learning of chemistry										
	Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy the course overall										
	Disagree	1	2	3	4	5	6	7	Agree	
For this item, circle the number two										
	Disagree	1	Ø	3	4	5	6	7	Agree	

the concepts from the fecture portion of the course connect to the lab portion										
	Disagree	<b>(</b>	2	3	4	5	6	7	Agree	
I understand chemistry better because of the lab activities										
	Disagree	1	<b>②</b>	3	4	5	6	7	Agree	
I will enjoy	I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree	
I enjoy thir	nking about chen	nistry ou	ıtside of	my coui	se work					
	Disagree	1	2	3	<u>4</u>	5	6 .	7	Agree	
ا feel well-ا	prepared for this	course								
	Disagree	1	2	3	4	<u>5</u>	6	7	Agree	
I can handl	e dealing with a	cademic	setback	S						
	Disagree	1	2	3	4	5	6	7	Agree	
I am generally curious about chemistry										
	Disagree	1	2	3	4	5	6	<b>⑦</b>	Agree	
l feel confid	I feel confident in my ability to complete my chemistry course with a passing grade									
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree	

		×.		

Name:				

1.	easy	<u>(b</u>   2   3   4   5   6   7   middle	hard
2.	worthless	middle	beneficial
3.	exciting	<u> </u>	boring
4.	complicated	<pre></pre>	simple
5.	confusing	<u> </u>	clear
6.	good		bad
7.	satisfying	middle	frustrating
8.	scary	0 2 3 4 5 6 7	fun
9.	comprehensible		incomprehensible
10.	challenging	[	not challenging
11.	pleasant	<u> </u>	unpleasant
12.	interesting	middle	dull
13.	disgusting	D 2 3 4 5 6 7	attractive
14.	comfortable	0 2 3 4 5 6 7	uncomfortable
15.	worthwhile		useless
16.	work		play
17.	chaotic	middle	organized
18.	safe	1 2 3 4 5 6 7	dangerous
19.	tense		relaxed
20.	insecure		secure

Name:		

I interact with my inst	I interact with my instructor								
Infrequen	ntly ①	2	3	4	5	6	7	Frequently	
In class, I ask question	าร								
Infrequer	ntly ①	2	3	4	5	6	7	Frequently	
In class, I interact with	n my pee	ers							
Infrequer	ntly ①	2	3	4	5	6	7	Frequently	
I am motivated to lea	rn chemi	stry							
Infrequer	ntly ①	2	3	4	5	6	7	Frequently	
I have trouble focusin	g in my o	chemistr	y class						
Infrequer	ntly 🛈	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other									
Infrequer	ntly 🛈	2	3	4	5	6	7	Frequently	
I am likely to attend c	I am likely to attend class regularly								
Infrequer	ntly 🛈	2	3	4	5	6	7	Frequently	
The amount of work i	n this co	urse will	be chall	enging					
Disagree	(1)	2	3	4	5	6	7	Agree	
The course content w	ill be diff	ficult for	me						
Disagree	1	2	3	4	5	6	7	Agree	
The structure of the class supports the learning of chemistry									
Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy the course overall									
Disagree	1	2	3	4	5	6	7	Agree	
For this item, circle th	e numbe	ertwo							
Disagree	<b>(1)</b>	2	3	4	5	6	7	Agree	

The concepts from the lecture portion of the course connect to the lab portion								
Disagree	1	2	3	4	5	6	7	Agree
I understand chemistry b	etter be	cause o	f the lab	activitie	es.			
Disagree	(Ī)	2	3	4	5	6	7	Agree
I will enjoy the laborator	y activiti	es						
Disagree	1	2	3	4	5	6	7	Agree
I enjoy thinking about chemistry outside of my course work								
Disagree	1	2	3	4	5	6 .	7	Agree
I feel well-prepared for the	his cours	ie						
Disagree	<b>①</b>	2	3	4	5	6	7	Agree
I can handle dealing with	academ	ic setba	cks					
Disagree	1	2	3	4	5	6	7	Agree
I am generally curious ab	out cher	nistry						
Disagree	(3)	2	3	4	5	6	7	Agree
I feel confident in my abi	lity to co	mplete	my cher	nistry co	urse wi	h a pass	ing grad	e
Disagree	<b>(1)</b>	2	3	4	5	6	7	Agree

Name:	

1.	easy	1   2   3   4   5   6   7   middle	hard
2.	worthless	_1_	beneficial
3.	exciting	_1	boring
4.	complicated	_1234567	simple
5.	confusing	_12_3_4_5_6_7_	clear
6.	good		bad
7.	satisfying	middle 1 2 3 4 5 6 7	frustrating
8.	scary	_1234567	fun
9.	comprehensible	1 2 3 4 5 6 7	incomprehensible
10.	challenging	_1	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	middle  _1_	dull
13.	disgusting	1 0 3 4 5 6 7	attractive
14.	comfortable	1 0 3 4 5 6 7	uncomfortable
15.	worthwhile	1 0 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ _Q_ _3_ _4_ _5_ _6_ _7_	organized
18.	safe	1 0 3 4 5 6 7	dangerous
19.	tense	_1034567	relaxed
20.	insecure	_1034567	secure

Name:		

Linteract	I interact with my instructor								
	Infrequently	1	2	3	4	5	6	7	Frequently
In class, I	ask questions								
	Infrequently	1	2	3	4	5	6	7	Frequently
In class, I i	interact with my	peers							
	Infrequently	1	2	3	4	5	6	7	Frequently
I am motiv	vated to learn ch	emistry	,						
	Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently
I have tro	uble focusing in I	my cher	nistry cla	SS					
	Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently
I feel the o	I feel the different topics taught in chemistry are connected to each other								
	Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently
I am likely	to attend class i	regularl	У						
	Infrequently	1	<b>②</b>	3	4	5	6	7	Frequently
The amou	nt of work in thi	s course	will be o	challeng	ing				
	Disagree	1	2	3	4	5	6	7	Agree
The cours	e content will be	difficul	t for me						
	Disagree	1	<b>②</b>	3	4	5	6	7	Agree
The structure of the class supports the learning of chemistry									
	Disagree	1	Ô	3	4	5	6	7	Agree
I will enjoy the course overall									
	Disagree	1	2	3	4	5	6	7	Agree
For this ite	em, circle the nu	mber tv	vo						
	Disagree	1	<b>②</b>	3	4	5	6	7	Agree
	<b>5</b>		$\sim$						

The concepts from the lecture portion of the course connect to the lab portion										
	Disagree	1	2	3	4	5	6	7	Agree	
I understar	I understand chemistry better because of the lab activities									
	Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy	the laboratory a	ctivitie	5							
	Disagree	1	2	3	4	5	6	7	Agree	
I enjoy thinking about chemistry outside of my course work										
	Disagree	1	<b>(2</b> )	3	4	5	6 .	7	Agree	
I feel well-p	prepared for this	course								
	Disagree	1	<b>②</b>	3	4	5	6	7	Agree	
I can handle	e dealing with ac	cademic	: setback	S						
	Disagree	1	2	3	4	5	6	7	Agree	
l am genera	ally curious abou	t chem	istry							
	Disagree	1	2	3	4	5	6	7	Agree	
I feel confid	feel confident in my ability to complete my chemistry course with a passing grade									
	Disagree	1	2	3	4	5	6	7	Agree	

Name:	

1.	easy	_1_ 2_  <u>3</u>  _4_ 5_ 6_ 7_  middle	hard
2.	worthless	1   2   3   4   5   6   7	beneficial
3.	exciting	_1234567	boring
4.	complicated	_1234567	simple
5.	confusing	<u>_1234567</u>	clear
6.	good	_1_ _2_  <u>3</u> _ 4_ 5_ 6_ 7_  middle	bad
7.	satisfying	1 2 3 4 5 6 7	frustrating
8.	scary	1 2 3 4 5 6 7	fun
9.	comprehensible	_1234567	incomprehensible
10.	challenging	<u>_1_2_3_4_5_6_7_</u>	not challenging
11.	pleasant	_1_ _2_  <u>3</u>  _4_ _5_ _6_ _7_  middle	unpleasant
12.	interesting	1 2 3 4 5 6 7	dull
13.	disgusting	_112_ <u> </u> 34567	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5_ _6_ _7_	organized
18.	safe	1 2 3 4 5 6 7	dangerous
19.	tense	_1234567	relaxed
20.	insecure	_1234567_	secure

Name:		

l interact v	I interact with my instructor								
	Infrequently	1	2	3	4	5	6	7	Frequently
In class, I a	sk questions								
	Infrequently	1	2	3	4	5	6	7	Frequently
In class, I interact with my peers									
	Infrequently	1	2	3	4	5	6	7	Frequently
I am motiv	ated to learn ch	emistry							
	Infrequently	1	2	3	4	5	6	7	Frequently
I have trou	ble focusing in r	ny chem	istry cla	iss					
	Infrequently	1	2	À	4	5	6	7	Frequently
I feel the d	ifferent topics to	aught in	chemis	try are co	onnecte	d to eacl	n other		
	Infrequently	1	2	3	4	5	6	7	Frequently
I am likely	to attend class r	egularly							
	Infrequently	1	2	3	4	5	6	7	Frequently
The amour	nt of work in this	s course	will be	challengi	ng				
	Disagree	1	2	3	4	5	6	7	Agree
The course	content will be	difficult	for me						
	Disagree	1	2	3	4	5	6	7	Agree
The structu	The structure of the class supports the learning of chemistry								
	Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the course overall									
	Disagree	1	2	3	4	5	6	7	Agree
For this ite	m, circle the nu	mber tw	o						
	Disagree	1	2	<b>3</b>	4	5	6	7	Agree

The conce	The concepts from the lecture portion of the course connect to the lab portion									
	Disagree	1	2	3	4	5	6	7	Agree	
l understar	I understand chemistry better because of the lab activities									
	Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy	I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	6	7	Agree	
I enjoy thin	I enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6 .	7	Agree	
ا feel well-ب	prepared for this	course								
	Disagree	1	2	3	4	5	6	7	Agree	
I can handl	e dealing with a	cademic	setback	(5						
	Disagree	1	2	3	4	5	6	7	Agree	
l am genera	ally curious abou	t chemi:	stry							
	Disagree	1	2	3	4	5	6	7	Agree	
l feel confic	dent in my ability	to com	plete m	y chemis	try cour	se with	a passin	g grade		
	Disagree	1	2	3	4	5	6	7	Agree	

Name:		

1.	easy	1 2 3 6 7	hard
2.	worthless	middle  _1	beneficial
3.	exciting	_123567	boring
4.	complicated	_123567	simple
5.	confusing	_123567	clear
6.	good	1 2 3 <u>6</u> 5 6 7	bad
7.	satisfying	middle   1   2   3   4   5   6   7	frustrating
8.	scary	_123567	fun
9.	comprehensible	_123567	incomprehensible
10.	challenging	_1_2_3_6_5_6_7_	not challenging
11.	pleasant	_1_ 2_ 3_  <u>@</u>  5_ 6_ 7_  middle	unpleasant
12.	interesting	1 2 3 0 5 6 7	dull
13.	disgusting	1 2 3 5 6 7	attractive
14.	comfortable	1 2 3 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 5 6 7	play
17.	chaotic	middle   1   2   3   4   5   6   7	organized
18.	safe	_1_2_35_6_7_	dangerous
19.	tense	_123567	relaxed
20.	insecure	_1_2_35_6_7_	secure

Name:		
Name.		 

I interact w	I interact with my instructor									
	Infrequently	1	2	3	<b>4</b>	5	6	7	Frequently	
In class, I as	In class, I ask questions									
	Infrequently	1	2	3	۵	5	6	7	Frequently	
In class, I interact with my peers										
	Infrequently	1	2	3	4	5	6	7	Frequently	
I am motiva	ited to learn ch	emistry								
	Infrequently	1	2	3	<b>4</b>	5	6	7	Frequently	
I have troub	ole focusing in n	ny chem	istry cla	SS						
	Infrequently	1	2	3	<b>3</b>	5	6	7	Frequently	
I feel the di	fferent topics ta	aught in	chemist	ry are co	onnected	d to each	other			
	Infrequently	1	2	3	<b>@</b>	5	6	7	Frequently	
I am likely t	o attend class r	egularly								
	Infrequently	1	2	3	<b>\$</b>	5	6	7	Frequently	
The amoun	t of work in this	course	will be c	hallengi	ing					
	Disagree	1	2	3	<b>4</b>	5	6	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	2	3	4	5	6	7	Agree	
The structu	The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	<b>@</b>	5	6	7	Agree	
I will enjoy	the course over	all								
	Disagree	1	2	3	<b>3</b>	5	6	7	Agree	
For this iten	n, circle the nur	nber tw	o							
	Disagree	1	2	3	<b>4</b>	5	6	7	Agree	

The concepts from the lecture portion of the course connect to the lab portion									
	Disagree	1	2	3	<b>4</b>	5	6	7	Agree
I understand chemistry better because of the lab activities									
	Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	<b>4</b> )	5	6	7	Agree
I enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	<b>4</b>	5	6 .	7	Agree
ا-feel well	prepared for this	s course							
	Disagree	1	2	3	<b>(4)</b>	5	6	7	Agree
I can handl	e dealing with a	cademic	setback	5					
	Disagree	1	2	3	٨	5	6	7	Agree
I am generally curious about chemistry									
	Disagree	1	2	3	<b>4</b>	5	6	7	Agree
I feel confid	dent in my abilit	y to com	plete m	y chemi	stry cour	se with	a passin	g grade	
	Disagree	1	2	3	4	5	6	7	Agree

Name:				

1.	easy	1 2 3 4 5 6 7 middle	hard
2.	worthless	middle  _1_ _2_ _3_ _4_ _6_ _6_ _7_	beneficial
3.	exciting	_123467	boring
4.	complicated	_123467	simple
5.	confusing	<u>_1_2_3_4_6_6_7_</u>	clear
6.	good	_1_ 2_ 3_ 4_ \$_ 6_ 7_  middle	bad
7.	satisfying	1 2 3 4 5 6 7	frustrating
8.	scary	_1234	fun
9.	comprehensible	_1234	incomprehensible
10.	challenging	_1234	not challenging
11.	pleasant	1   2   3   4   5   6   7   middle	unpleasant
12.	interesting	1   2   3   4   5   6   7	dull
13.	disgusting	_1_ 2_ 3_ 4_  <u>6</u> _ 6_ 7_	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	_1_2_3_4_5_6_7_	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4_ _5_ _6_ _7_	organized
18.	safe	_1_2_3_43_6_7_	dangerous
19.	tense	_1234 <u></u>	relaxed
20.	insecure	_1234367	secure

Name:		
Traine.		 

l interact v	vith my instructo	or								
	Infrequently	1	2	3	4	\$	6	7	Frequently	
In class, I a	sk questions									
	Infrequently	1	2	3	4	5	6	7	Frequently	
In class, I in	nteract with my	peers								
	Infrequently	1	2	3	4	<b>⑤</b>	6	7	Frequently	
I am motivated to learn chemistry										
	Infrequently	1	2	3	4	<b>5</b>	6	7	Frequently	
I have trouble focusing in my chemistry class										
	Infrequently	1	2	3	4	<b>5</b>	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	2	3	4	Ġ	6	7	Frequently	
I am likely	to attend class r	egularly								
	Infrequently	1	2	3	4	<b>(5</b> )	6	7	Frequently	
The amour	nt of work in this	s course	will be o	:hallengi	ng					
	Disagree	1	2	3	4	S	6	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	2	3	4	Ġ	6	7	Agree	
The structu	The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	4	<b>5</b>	6	7	Agree	
I will enjoy	I will enjoy the course overall									
	Disagree	1	2	3	4	<b>3</b>	6	7	Agree	
For this ite	m, circle the nu	mber tw	o							
	Disagree	1	2	3	4	À	6	7	Agree	

The conce	pts from the lect	ure port	ion of th	ne cours	e conne	ct to the	lab port	ion		
	Disagree	1	2	3	4	5	6	7	Agree	
I understar	nd chemistry bet	ter beca	use of t	he lab ad	tivities					
	Disagree	1	2	3	4	<b>(5</b> )	6	7	Agree	
I will enjoy	I will enjoy the laboratory activities									
	Disagree	1	2	3	4	<b>3</b>	6	7	Agree	
I enjoy thin	enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	<b>©</b>	6 .	7	Agree	
ا feel well-	orepared for this	course								
	Disagree	1	2	3	4	5	6	7	Agree	
I can handl	e dealing with a	cademic	setback	S						
	Disagree	1	2	3	4	<b>5</b>	6	7	Agree	
l am genera	ally curious abou	t chemis	stry							
	Disagree	1	2	3	4	<b>5</b>	6	7	Agree	
I feel confid	dent in my ability	to com	plete m	y chemis	try cou	rse with	a passinį	g grade		
	Disagree	1	2	3	4	<b>(5)</b>	6	7	Agree	

Name:				

1.	easy	1   2   3   4   5   6   7   middle	hard
2.	worthless	1   2   3   4   5   6   7	beneficial
3.	exciting	_1234567	boring
4.	complicated	_1234567	simple
5.	confusing	_1234567	clear
6.	good	_1   2   3   4   5   6   7   middle	bad
7.	satisfying	1 2 3 4 5 6 7	frustrating
8.	scary	_123457	fun
9.	comprehensible	_1234567	incomprehensible
10.	challenging	_1234567	not challenging
11.	pleasant	1 2 3 4 5 6 7	unpleasant
12.	interesting	middle  _1	dull
13.	disgusting	1 2 3 4 5 6 7	attractive
14.	comfortable	1 2 3 4 5 6 7	uncomfortable
15.	worthwhile	1 2 3 4 5 6 7	useless
16.	work	1 2 3 4 5 6 7	play
17.	chaotic	middle  _1_ _2_ _3_ _4567	organized
18.	safe	_1_2_3_4_5_6_7_	dangerous
19.	tense	_1234567	relaxed
20.	insecure	_1_1_2_3_4_5_6_7_	secure

Name:		
Name.		 

l interact w	I interact with my instructor									
	Infrequently	1	2	3	4	5	<b>©</b>	7	Frequently	
In class, I a	sk questions									
	Infrequently	1	2	3	4	5	G	7	Frequently	
In class, I ir	nteract with my	peers								
	Infrequently	1	2	3	4	5	6	7	Frequently	
I am motivated to learn chemistry										
	Infrequently	1	2	3	4	5	6	7	Frequently	
I have trouble focusing in my chemistry class										
	Infrequently	1	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	2	3	4	5	<u>6</u>	7	Frequently	
I am likely	I am likely to attend class regularly									
	Infrequently	1	2	3	4	5	G	7	Frequently	
The amour	nt of work in this	s course	will be o	hallengi	ng					
	Disagree	1	2	3	4	5	6	7	Agree	
The course	content will be	difficult	for me							
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree	
The structu	The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	4	5	B	7	Agree	
I will enjoy the course overall										
	Disagree	1	2	3	4	5	6	7	Agree	
For this ite	m, circle the nu	mber tw	o							
	Disagree	1	2	3	4	5	6	7	Agree	

The conce	pts from the lect	ure port	ion of th	e course	connec	t to the	lab port	ion	
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I understar	nd chemistry bet	ter beca	use of th	ne lab ac	tivities				
	Disagree	1	2	3	4	5	Ō	7	Agree
I will enjoy	the laboratory a	ctivities							
	Disagree	1	2	3	4	5	<u>6</u>	7	Agree
enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6.	7	Agree
ا feel well-إ	prepared for this	course							
	Disagree	1	2	3	4	5	Ō	7	Agree
I can handl	e dealing with a	cademic	setback	5					
	Disagree	1	2	3	4	5	6	7	Agree
l am genera	ally curious abou	t chemis	stry						
	Disagree	1	2	3	4	5	6	7	Agree
I feel confid	dent in my ability	to com	plete my	, chemis	try cour	se with	a passing	g grade	
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree

Name:				

1.	easy	1 2 3 4 5 6 0	hard
2.	worthless	middle  _1_ _2_ _3_ _45_ 6_ _ \[ \mathcal{D}_{\tag{0}} \]	beneficial
3.	exciting	_12345_6	boring
4.	complicated	_1234560	simple
5.	confusing	1   2   3   4   5   6   Ø	clear
6.	good	1 2 3 4 5 6 <u>6</u>	bad
7.	satisfying	middle	frustrating
8.	scary	_1_ _2_ _3_ _456	fun
9.	comprehensible	_123456 <i>(</i>	incomprehensible
10.	challenging	_1_ _2_ _3_ _4_ _5_ 6_ _ <b>D</b> _	not challenging
11.	pleasant	1 2 3 4 5 6 0	unpleasant
12.	interesting	middle	dull
13.	disgusting	_1123456 <i>0</i>	attractive
14.	comfortable	_1_ _2_ _3_ _4_ _5_ 6_ @_	uncomfortable
15.	worthwhile	123456	useless
16.	work		play
17.	chaotic	middle  _1_ 2_ 3_ 4_ 5_ 6_   _1_ 2_ 3_ 4_ 5_ 6_	organized
18.	safe	[_123456 <i>Ô</i>	dangerous
19.	tense	_1_ _2_ _3_ _4_ _5_ _6_ _ <i>O</i> _	relaxed
20.	insecure	_1_ 2_ 3_ 4_ 5_ 6_ 9_	secure

Name:		
Traine.		 

I interact with my instructor									
	Infrequently	1	2	3	4	5	6	$\mathcal{O}$	Frequently
In class, I as	In class, I ask questions								
	Infrequently	1	2	3	4	5	6	Ø	Frequently
In class, I in	teract with my	peers							
	Infrequently	1	2	3	4	5	6	Þ	Frequently
I am motiva	ted to learn ch	emistry							
	Infrequently	1	2	3	4	5	6	Ī	Frequently
I have troub	ole focusing in n	ny chem	istry cla	SS					
	Infrequently	1	2	3	4	5	6	Ø	Frequently
I feel the dif	fferent topics ta	aught in	chemist	ry are co	onnected	d to each	other		
	Infrequently	1	2	3	4	5	6	3	Frequently
I am likely to	o attend class r	egularly							
	Infrequently	1	2	3	4	5	6	$\bigcirc$	Frequently
The amount	t of work in this	course	will be c	hallengi	ng				
	Disagree	1	2	3	4	5	6	Ō	Agree
The course	content will be	difficult	for me						
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
The structure of the class supports the learning of chemistry									
	Disagree	1	2	3	4	5	6	$\overline{\mathcal{D}}$	Agree
I will enjoy the course overall									
	Disagree	1	2	3	4	5	6	Ø	Agree
For this item, circle the number two									
	Disagree	1	2	3	4	5	6	<b>3</b>	Agree

Т	The concepts from the lecture portion of the course connect to the lab portion								
	Disagree	1	2	3	4	5	6	3	Agree
10	I understand chemistry better because of the lab activities								
	Disagree	1	2	3	4	5	6	ð	Agree
L	will enjoy the laboratory	activit	ies						
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
1 6	enjoy thinking about che	emistry	outside (	of my co	ourse wo	rk			
	Disagree	1	2	3	4	5	6 .	$\widehat{\mathcal{D}}$	Agree
l f	I feel well-prepared for this course								
	Disagree	1	2	3	4	5	6	$\overline{\mathcal{O}}$	Agree
Lo	an handle dealing with	acaden	nic setba	cks					
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
l a	I am generally curious about chemistry								
	Disagree	1	2	3	4	5	6	$\mathcal{O}$	Agree
l f	I feel confident in my ability to complete my chemistry course with a passing grade								e
	Disagree	1	2	3	4	5	6	ð	Agree

		×.		