Name:	

nen answering these items	tocus o	n gener	al chem	istry spe	cifically.					
I interact with my instruct	or									
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 interact with my	peers									
Infrequently	1	2	3	4	5	6	7	Frequently		
l am motivated to learn chemistry										
Infrequently	1	2	3	4	5	6	7	Frequently		
I have trouble focusing in my chemistry class										
Inffequently	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	regular	ly								
Infrequently	1	2	3	4	5	6	7	Frequently		
The amount of work in thi	s cours	e will be	challen	ging						
Oisagree	1	2	3	4	5	6	7	Agree		
The course content will be	difficu	lt for me	<u> </u>							
Disagree	1	2	3	4	5	6	7	Agree		
The structure of the class	support	s the le	arning o	f chemis	stry					
Disagree	1	2	3	4	5	6	7	Agree		
I will enjoy the course ove	rall									
Disagree	1	2	3	4	5	6	7	Agree		
For this item, circle the nu	mber tv	wo								
Øisagree	1	2	3	4	5	6	7	Agree		

The concepts from the lecture portion of the course connect to the lab portion									
Ø	sagree	1	2	3	4	5	6	7	Agree
I understand c	hemistry bet	ter beca	use of th	ne lab ac	tivities				
Ø	sagree	1	2	3	4	5	6	7	Agree
will enjoy the laboratory activities									
Ø	sagree	1	2	3	4	5	6	7	Agree
I enjoy thinkin	g about chen	nistry ou	tside of	my cour	se work				
OT.	sagree	1	2	3	4	5	6	7	Agree
I feel well-prep	pared for this	course							
Ø1	sagre	1	2	3	4	5	6	7	Agree
I can handle de	ealing with a	cademic	setback	\$					
(D):	sagree	1	2	3	4	5	6	7	Agree
i am generally	curious abou	ıt chemis	stry						
e	sagree	1	2	3	4	5	6	7	Agree
I feel confident in my ability to complete my chemistry course with a passing grade									
D;	sagree	1	2	3	4	5	6	7	Agree

•

Name:	

	_				, ,						
Linteract v	Linteract with my instructor										
	Infrequently	(1)	2	3	4	5	6	7	Frequently		
In class, I a	ask questions										
	Infrequently	(1)	2	3	4	5	6	7	Frequently		
In class, I i	nteract with r	ny peers									
	Infrequently	$\begin{pmatrix} 1 \end{pmatrix}$	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	ıble focusing i	n my chen	nístry cla	ass							
	Infrequently	/ ( <u>1</u> )	2	3	4	5	6	7	Frequently		
I feel the d	lifferent topic	s taught in	chemis	try are c	onnecte	d to eacl	h other				
	Infrequently	(1)	2	3	4	5	6	7	Frequently		
I am likely	to attend clas	s regularly	/								
	Infrequently	(1)	2	3	4	5	6	7	Frequently		
The amour	nt of work in t	his course	will be	challeng	ing						
	Disagree	(1)	2	3	4	5	6	7	Agree		
The course	content will	be difficult	t for me								
	Disagree		2	3	4	5	6	7	Agree		
The structure of the class supports the learning of chemistry											
	Disagree	$\left(\begin{pmatrix} 1 \end{pmatrix}\right)$	2	3	4	5	6	7	Agree		
I will enjoy	the course ov	/erall									
	Disagree	$\begin{pmatrix} 1 \end{pmatrix}$	2	3	4	5	6	7	Agree		
For this ite	m, circle the r	number tw	0								
	Disagree	$\bigcirc$ 1	2	3	4	5	6	7	Agree		

The conce	The concepts from the lecture portion of the course connect to the lab portion									
	Disagree	$\binom{1}{1}$	2	3	4	5	6	7	Agree	
lundersta	nd chemistry	better bec	ause c	of the lab	activitie	S				
	Disagree	$\bigcirc$ 1	2	3	4	5	6	7	Agree	
I will enjoy	will enjoy the laboratory activities									
	Disagree	$\bigcirc$ 1	2	3	4	5	6	7	Agree	
I enjoy thi	nking about c	hemistry o	utside	of my co	urse wo	rk				
	Disagree	(1)	2	3	4	5	6	7	Agree	
I feel well-	prepared for	this course								
	Disagree		2	3	4	5	6	7	Agree	
I can hand	le dealing wit	h academi	setba	acks						
	Disagree	(1)	2	3	4	5	6	7	Agree	
l am gener	ally curious a	bout chem	istry							
	Disagree	$\binom{r}{1}$	2	3	4	5	6	7	Agree	
l feel confi	dent in my ab	ility to con	nplete	my chem	nistry co	urse wit	h a pass	sing grad	e	
	Disagree	(1)	2	3	4	5	6	7	Agree	

Name:		

			<del>-</del>			•				
l interact v	vith my instruct	or								
	Infrequently	1	(2)	3	4	5	6	7	Frequently	
In class, I a	isk questions									
	Infrequently	1	$\overline{2}$	3	4	5	6	7	Frequently	
In class, Li	nteract with my	peers								
	Infrequently	1	$\binom{2}{2}$	3	4	5	6	7	Frequently	
I am motiv	ated to learn ch	emistr	·y							
	Infrequently	1	(2)	3	4	5	6	7	Frequently	
I have trou	ible focusing in i	my che	emistry cla	ISS						
	Infrequently	1	2	3	4	5	6	7	Frequently	
I feel the different topics taught in chemistry are connected to each other										
	Infrequently	1	$\binom{2}{2}$	3	4	5	6	7	Frequently	
I am likely	to attend class r	egular	ly							
	Infrequently	1	(2)	3	4	5	6	7	Frequently	
The amour	nt of work in this	s cours	e will be o	challengi	ng					
	Disagree	1	2	3	4	5	6	7	Agree	
The course	content will be	difficu	ılt for me							
	Disagree	1	$\binom{2}{2}$	3	4	5	6	7	Agree	
The structu	are of the class s	suppor	ts the lear	ning of a	chemistr	У				
	Disagree	1	(2)	3	4	5	6	7	Agree	
l will enjoy	the course over	rall								
	Disagree	1	$\binom{2}{2}$	3	4	5	6	7	Agree	
For this ite	m, circle the nur	mber t	wo							
	Disagree	1	2	3	4	5	6	7	Agree	

The concepts from the lecture portion of the course connect to the lab portion										
	Disagree	1	$\binom{2}{2}$	3	4	5	6	7	Agree	
Lunderst	I understand chemistry better because of the lab activities									
	Disagree	1	$\overline{2}$	3	4	5	6	7	Agree	
l will enjo	y the laborat	ory activit	ies							
	Disagree	1	(2)	3	4	5	6	7	Agree	
I enjoy th	inking about	chemistry	outside o	of my co	urse wo	rk				
	Disagree	1	$\bigcirc$	3	4	5	6	7	Agree	
I feel wel	l-prepared for	this cour	se							
	Disagree	1	(2)	3	4	5	6	7	Agree	
I can hand	dle dealing wi	th acader	nic setbac	cks						
	Disagree	1	$\binom{2}{2}$	3	4	5	6	7	Agree	
l am gene	rally curious	about che	mistry							
	Disagree	1	$\binom{2}{2}$	3	4	5	6	7	Agree	
I feel cont	I feel confident in my ability to complete my chemistry course with a passing grade									
	Disagree	1	(2)	3	4	5	6	7	Agree	

Name:	

Linteract	with my instruct	or			,	,			
	Infrequently	1	2	(3)	4	5	6	7	Frequently
In class, I	ask questions			$\cup$					
	Infrequently	1	2	(3)	4	5	6	7	Frequently
In class, I	interact with my	peers		_					
	Infrequently	1	2	(§)	4	5	6	7	Frequently
I am moti	vated to learn cl	nemistry	/						
	Infrequently	1	2	3	4	5	6	7	Frequently
I have tro	uble focusing in	my chei	mistry	class					
	Infrequently	1	2	(3)	4	5	6	7	Frequently
I feel the d	different topics t	aught ir	n chem	nistry are c	onnect	ed to ea	ch othe	r	
	Infrequently	1	2	(3)	4	5	6	7	Frequently
I am likely	to attend class	regularl	У	_					
	Infrequently	1	2	(3)	4	5	6	7	Frequently
The amou	nt of work in thi	s course	e will b	e challeng	ing				
	Disagree	1	2	(3)	4	5	6	7	Agree
The course	e content will be	e difficul	t for m	ne					
	Disagree	1	2	(3)	4	5	6	7	Agree
The struct	ure of the class	support	s the le	earning of	chemis	stry			
	Disagree	1	2	(3)	4	5	6	7	Agree
l will enjoy	the course ove	rall							
	Disagree	1	2	(3)	4	5	6	7	Agree
For this ite	em, circle the nu	mber tv	vo	*					
	Disagree	1	2	<b>(3)</b>	4	5	6	7	Agree

The conce	ots from the lect	ure port	ion of	the cours	e conne	ct to the	lab port	ion	
	Disagree	1	2	3	4	5	6	7	Agree
Lundersta	nd chemistry bet	ter beca	use of	the lab ac	ctivities				
	Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	(3)	4	5	6	7	Agree
l enjoy thir	nking about chen	nistry ou	tside o	of my cou	se work				
	Disagree	1	2	(3)	4	5	6	7	Agree
ا feel well-ا	orepared for this	course							
	Disagree	1	2	$\bigcirc$	4	5	6	7	Agree
I can handi	e dealing with ac	cademic	setba	cks					
	Disagree	1	2	(3)	4	5	6	7	Agree
l am gener	ally curious abou	it chemis	stry						
	Disagree	1	2	(3)	4	5	6	7	Agree
I feel confid	dent in my ability	to com	plete r	my chemis	stry cour	se with	a passin	g grade	
	Disagree	1	2	(3)	4	5	6	7	Agree

Name:		

Linteract with my instruc	ctor							
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 interact with m	y peers			-				
Infrequently	1	2	3	( <sup>7</sup> 4)	5	6	7	Frequently
I am motivated to learn o	chemisti	ry						
Infrequently	1	2	3	(4)	5	6	7	Frequently
I have trouble focusing in	n my che	emistry c	lass					
Infrequently	1	2	3	4	5	6	7	Frequently
I feel the different topics	taught	in chemi	stry are	e connecte	ed to ea	ich othei	r	
Infrequently	1	2	3	(4)	5	6	7	Frequently
I am likely to attend class	regular	·ly						
Infrequently	1	2	3	(4)	5	6	7	Frequently
The amount of work in th	nis cours	se will be	challe	nging				
Disagree	1	2	3	$\left(4\right)$	5	6	7	Agree
The course content will b	e difficu	ılt for me	2					
Disagree	1	2	3	(4)	5	6	7	Agree
The structure of the class	suppor	ts the lea	arning (	of chemist	ry			
Disagree	1	2	3	(4)	5	6	7	Agree
I will enjoy the course ov	erail							
Disagree	1	2	3	4	5	6	7	Agree
For this item, circle the n	umber t	wo		•				
Disagree	1	2	3	(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	( <del>4</del> )	5	6	7	Agree	
Lunderstar	nd chemistry bet	ter beca	use of th	ne lab a	activities					
	Disagree	1	2	3	4	5	6	7	Agree	
I will enjoy	the laboratory a	ctivities			·					
	Disagree	1	2	3	4	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	
I feel well-p	prepared 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	dent in my ability	to com	plete my	y chem	istry cour	se with	a passinį	g grade		
	Disagree	1	2	3	4	5	6	7	Agree	

Name:	

l interact with my instruc	tor							
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 interact with m	y peers							
Infrequently	1	2	3	4	(§)	6	7	Frequently
I am motivated to learn c	hemistr	у						
Infrequently	1	2	3	4	(5)	6	7	Frequently
I have trouble focusing in	my che	emistry c	lass					
Infrequently	1	2	3	4	(5)	6	7	Frequently
I feel the different topics	taught	in chemi	stry are	connec	ted to eac	h othe	r	-
Infrequently	1	2	3	4	(5)	6	7	Frequently
I am likely to attend class	regular	ly						
Infrequently	1	2	3	4	(5)	6	7	Frequently
The amount of work in th	is cours	e will be	challen	ging				
Disagree	1	2	3	4	(5)	6	7	Agree
The course content will be	e difficu	ılt for m	2					
Disagree	1	2	3	4	(5)	6	7	Agree
The structure of the class	suppor	ts the le	arning o	f chemi	istry			
Disagree	1	2	3	4	(5)	6	7	Agree
I will enjoy the course ove	erall							
Disagree	1	2	3	4	<b>(5)</b>	6	7	Agree
For this item, circle the nu	ımber t	wo						
Disagree	1	2	3	4	(g)	6	7	Agree

The concep	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	nd chemistry bet	ter beca	use of th	ne lab ac	tivitie	S				
	Disagree	1	2	3	4	(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	4	(E)	6	7	Agree	
I feel well-p	prepared for this	course								
	Disagree	1	2	3	4	<b>(3)</b>	6	7	Agree	
I can handl	e dealing with ac	ademic	setback:	S						
	Disagree	1	2	3	4	<b>(</b> 5)	6	7	Agree	
l am genera	ally curious abou	t chemis	stry							
	Disagree	1	2	3	4	(3)	6	7	Agree	
I feel confid	lent in my ability	to com	plete my	/ chemis	try co	urse with	a passing	g grade		
	Disagree	1	2	3	4	<b>(</b> 5)	6	7	Agree	

ame:	

Linteract with I	my instructo	or							
Inf	requently	1	2	3	4	5	(6)	7	Frequently
In class, I ask q	uestions								
Infi	requently	1	2	3	4	5	<del>(6)</del>	7	Frequently
In class, I intera	ct with my	peers							
Infi	requently	1	2	3	4	5	6	7	Frequently
I am motivated	to learn che	emistry							
Infi	requently	1	2	3	4	5	(6)	7	Frequently
I have trouble f	ocusing in n	ny chem	istry cla	SS			_		
Infi	requently	1	2	3	4	5	(6)	7	Frequently
I feel the differe	ent topics ta	ught in	chemist	ry are co	nnected	l to ea	ch other		
Infr	requently	1	2	3	4	5	(6)	7	Frequently
I am likely to at	tend class re	egularly							
Infr	equently	1	2	3	4	5	(6)	7	Frequently
The amount of	work in this	course	will be c	hallengii	ng		$\bigcirc$		
Dis	agree	1	2	3	4	5	(6)	7	Agree
The course con	tent will be	difficult	for me						
Disa	agree	1	2	3	4	5	(6)	7	Agree
The structure o	f the class su	upports	the lear	ning of c	hemistr	У			
Disa	agree	1	2	3	4	5	6	7	Agree
I will enjoy the	course over	all							
Disa	agree	1	2	3	4	5	G	7	Agree
For this item, ci	rcle the nun	nber two	)						
Disa	agree	1	2	3	4	5	$\binom{c}{6}$	7	Agree

The concepts from the lecture portion of the course connect to the lab portion									
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
l understa	and chemistry be	tter beca	ause of t	he lab a	ctivities		_		
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I will enjoy the laboratory activities									
	Disagree	1	2	3	4	5	<b>(6)</b>	7	Agree
l enjoy thinking about chemistry outside of my course work									
	Disagree	1	2	3	4	5	6	7	Agree
I feel well-prepared for this course									
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I can hand	lle dealing with a	cademic	: setback	(S					
	Disagree	1	2	3	4	5	<u>(6</u>	7	Agree
I am gene	rally curious abo	ut chemi	istry				_		
	Disagree	1	2	3	4	5	(6)	7	Agree
I feel conf	ident in my abilit	y to com	plete m	y chemi	stry cou	rse wit	h a passin	g grade	
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree

Name:	

Linteract with my instruct	or							
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 interact with my	peers							
Infrequently	1	2	3	4	5	6	(7)	Frequently
I am motivated to learn ch	nemistr	у						
Infrequently	1	2	3	4	5	6	7	Frequently
I have trouble focusing in	my che	emistry o	lass					
Infrequently	1	2	3	4	5	6	(7)	Frequently
I feel the different topics t	aught i	in chemi	stry are	connect	ted to ea	ich othe	er	
Infrequently	1	2	3	4	5	6	(7)	Frequently
I am likely to attend class	regular	ły						
Infrequently	1	2	3	4	5	6	(7)	Frequently
The amount of work in thi	s cours	e will be	challen	ging			Ü	
Disagree	1	2	3	4	5	6		Agree
The course content will be	difficu	ilt for me	2					
Disagree	1	2	3	4	5	6	(7)	Agree
The structure of the class :	suppor	ts the le	arning o	f chemis	stry			
Disagree	1	2	3	4	5	6	(7)	Agree
I will enjoy the course ove	rall							
Disagree	1	2	3	4	5	6	(7)	Agree
For this item, circle the nu	mber t	wo					<del></del>	
Nisagree	1	2	2	4	<b>E</b>	6	$\overline{\mathcal{O}}$	Agrao

The conce	ots from the lect	ure port	ion of th	e cours	e connec	ct to the	lab po	rtion	
	Disagree	1	2	3	4	5	6	7	Agree
l understar	nd chemistry bet	ter beca	use of t	ne lab ad	ctivities				
	Disagree	1	2	3	4	5	6	(5)	Agree
I will enjoy	the laboratory a	activities							
	Disagree	1	2	3	4	5	6	7	Agree
l enjoy thir	nking about chen	nistry ou	ıtside of	my cour	rse work				
	Disagree	1	2	3	4	5	6	7	Agree
l feel well- <sub>l</sub>	prepared for this	course							
	Disagree	1	2	3	4	5	6	<del>7</del>	Agree
I can handl	e dealing with a	cademic	setback	S					
	Disagree	1	2	3	4	5	6	<b>7</b>	Agree
l am gener	ally curious abou	ıt chemi	stry					_	
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
l feel confi	dent in my ability	y to com	plete m	y chemis	stry cour	se with	a passi	ng grade	
	Disagree	1	2	3	4	5	6	9	Agree

Name:		

						•			
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 interact with my	peers							
	Infrequently	1	2	3	4	5	6	7	requently
I am motivated to learn chemistry									
	Infrequently	1	2	3	4	5	6	7	requently
I have trouble focusing in my chemistry class									
	Infrequently	1	2	3	4	5	6	7	requently
I feel the different topics taught in chemistry are connected to each other									
	Infrequently	1	2	3	4	5	6	7	requently
I am likely to attend class regularly									
	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									
	Disagree	1	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
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	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 this course									
	Disagree	1	2	3	4	5	6	7	gree
I can handle dealing with academic setbacks									
	Disagree	1	2	3	4	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	4	5	6	7	Agree