Name:			
TTGTTTC.			

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			
I am motivated to learn ch	emistry	/									
Infrequently	1	2	3	4	5	6	7	Frequently			
I have trouble focusing in	my chei	mistry cl	ass								
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	regularl	у									
Infrequently	1	2	3	4	5	6	7	Frequently			
The amount of work in thi	s course	e will be	challeng	ing							
Disagree	1	2	3	4	5	6	7	Agree			
The course content will be	difficul	t for me									
Disagree	1	2	3	4	5	6	7	Agree			
The structure of the class	support	s the lea	rning of	chemist	ry						
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	vo									
Pisagree	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	
	l understa	and chemistry b	etter bed	ause o	f the lab	activitie	es				
		Disagree	1	2	3	4	5	6	7	Agree	
	I will enjoy the laboratory activities										
22		Disagree	1	2	3	4	5	6	7	Agree	
	I enjoy th	inking about che	emistry c	utside	of my co	ourse wo	ork				
		disagree	1	2	3	4	5	6	7	Agree	
	I feel well	-prepared for th	is course	9							
		Disagre	1	2	3	4	5	6	7	Agree	
	I can hand	dle dealing with	academi	c setba	icks						
		Disagree	1	2	3	4	5	6	7	Agree	
	I am gene	erally curious abo	out chem	nistry				9			
		essagree	1	2	3	4	5	6	7	Agree	
	I feel conf	fident in my abil	ity to co	mplete	my cher	nistry co	ourse wit	th a pass	ing grad	е	
		Disagree	1	2	3	4	5	6	7	Agree	

Name:			

The state of the s		80		, 5,555.				
l interact with my instru	9.4							
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 n	ny 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 i	n my chen	nistry cla	ass					
Infrequently		2	3	4	5	6	7	Frequently
I feel the different topics	s taught in	chemis	try are c	onnecte	d to eac	h other		
Infrequently	1	2	3	4	5	6	7	Frequently
I am likely to attend clas	s regularly	/						
Infrequently		2	3	4	5	6	7	Frequently
The amount of work in t	his course	will be	challeng	ing				
Disagree	(1)	2	3	4	5	6	7	Agree
The course content will l	be difficult	t for me						
Disagree	$\bigcirc$	2	3	4	5	6	7	Agree
The structure of the clas	s supports	the lea	rning of	chemist	ry			
Disagree	(1)	2	3	4	5	6	7	Agree
I will enjoy the course ov	/erall							
Disagree	(1)	2	3	4	5	6	7	Agree
For this item, circle the r	number tw	/O						
Disagree		2	3	4	5	6	7	Agree

The concepts from	the lecture por	tion of t	he cour	se conne	ct to the	e lab por	tion	
Disagre	e 1	2	3	4	5	6	7	Agree
I understand chemis	stry better beca	ause of	the lab a	ctivities				
Disagre	e 1	2	3	4	5	6	7	Agree
I will enjoy the labo	ratory activities	5						
Disagre	e (1)	2	3	4	5	6	7	Agree
I enjoy thinking abo	ut chemistry o	utside o	f my cou	ırse wor	k			
Disagre	e (1)	2	3	4	5	6	7	Agree
I feel well-prepared	for this course							
Disagre	e 1	2	3	4	5	6	7	Agree
I can handle dealing	with academic	setbac	ks					
Disagre	e (1)	2	3	4	5	6	7	Agree
I am generally curio	us about chemi	istry						
Disagre	e (1)	2	3	4	5	6	7	Agree
I feel confident in m	y ability to com	plete m	ny chem	istry cou	ırse with	a passir	ng grade	
Disagre		2	3	4	5	6	7	Agree

Name	1		

l 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	$\bigcirc$	3	4	5	6	7	Frequently
I am motivated to learn ch	nemist	ry						
Infrequently	1	(2)	3	4	5	6	7	Frequently
I have trouble focusing in	my ch	emistry cla	ass					
Infrequently	1	2	3	4	5	6	7	Frequently
I feel the different topics t	:aught	in chemis	try are	connect	ed to ea	ch othe	r	
Infrequently	1	$\overline{2}$	3	4	5	6	7	Frequently
I am likely to attend class	regula	rly						
Infrequently	1	2	3	4	5	6	7	Frequently
The amount of work in thi	s cour	se will be	challen	iging				
Disagree	1	(2)	3	4	5	6	7	Agree
The course content will be	diffic	ult for me						
Disagree	1	$\bigcirc$	3	4	5	6	7	Agree
The structure of the class	suppo	rts the lead	rning o	of 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	two						
Disagree	1	(2)	3	4	5	6	7	Agree

Disagree 1 2 3 4 5 6 7 Agree Inderstand chemistry better because of the lab activities  Disagree 1 2 3 4 5 6 7 Agree Vill enjoy the laboratory activities  Disagree 1 2 3 4 5 6 7 Agree Injoy thinking about chemistry outside of my course work  Disagree 1 2 3 4 5 6 7 Agree									
Disagree 1 2 3 4 5 6 7 Agree will enjoy the laboratory activities  Disagree 1 2 3 4 5 6 7 Agree njoy thinking about chemistry outside of my course work									
vill enjoy the laboratory activities  Disagree 1 2 3 4 5 6 7 Agree  njoy thinking about chemistry outside of my course work									
Disagree 1 2 3 4 5 6 7 Agree njoy thinking about chemistry outside of my course work									
njoy thinking about chemistry outside of my course work									
Disagree 1 (2) 3 4 5 6 7 Agree									
Disagree 1 (2) 3 4 3 0 / Agree									
I feel well-prepared for this course									
Disagree 1 (2) 3 4 5 6 7 Agree									
an handle dealing with academic setbacks									
Disagree 1 2 3 4 5 6 7 Agree									
m generally curious about chemistry									
Disagree 1 (2) 3 4 5 6 7 Agree									
eel confident in my ability to complete my chemistry course with a passing grade									
Disagree 1 (2) 3 4 5 6 7 Agree									

Name:			

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l 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	$\bigcirc$	4	5	6	7	Frequently			
I am motivated to learn ch	nemistry	,									
Infrequently	1	2	3	4	5	6	7	Frequently			
I have trouble focusing in	my cher	nistry	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	regularly	/									
Infrequently	1	2	(3)	4	5	6	7	Frequently			
The amount of work in thi	s course	will b	e challengi	ng							
Disagree	1	2	(3)	4	5	6	7	Agree			
The course content will be	difficul	t for m	ie								
Disagree	1	2	(3)	4	5	6	7	Agree			
The structure of the class	supports	s the le	earning of	chemistr	γ						
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 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 understa	and chemistry be	tter bed	ause o	of the lab a	ctivitie	s					
	Disagree	1	2	(3)	4	5	6	7	Agree		
I will enjo	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	(1)	4	5	6	7	Agree		
I can hand	lle dealing with a	academi	c setb	acks							
	Disagree	1	2	(3)	4	5	6	7	Agree		
I am gene	rally curious abo	ut chem	istry								
	Disagree	1	2	(3)	4	5	6	7	Agree		
I feel conf	ident in my abili	ty to cor	nplete	my chem	istry co	urse wit	:h a pass	ing grade	9		
	Disagree	1	2	(3)	4	5	6	7	Agree		

I 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 my	y peers							
Infrequently	1	2	3	(4)	5	6	7	Frequently
I am motivated to learn c	hemist	ry						
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	connecte	d to ea	ich othei		
Infrequently	1	2	3	(4)	5	6	7	Frequently
I am likely to attend class	regulai	rly						
Infrequently	1	2	3	4	5	6	7	Frequently
The amount of work in th	is cours	se will be	challe	nging				
,Disagree	1	2	3	(4)	5	6	7	Agree
The course content will be	e difficu	ult for me	e					
Disagree	1	2	3	4	5	6	7	Agree
The structure of the class	suppor	ts the le	arning (	of chemist	ry			
Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the course ove	erall			5.700				
Disagree	1	2	3	4	5	6	7	Agree
For this item, circle the nu	ımber 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	2	3	<b>(4)</b>	5	6	7	Agree
I understar	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 thir	nking about chem	nistry ou	tside of	my cou	ırse work				
	Disagree	1	2	3	<b>(a)</b>	5	6	7	Agree
ا feel well-ا	prepared for this	course							
	Disagree	1	2	3	4	5	6	7	Agree
I can handl	e dealing with ac	cademic	setback	S					
	Disagree	1	2	3	4	5	6	7	Agree
I am gener	ally curious abou	t chemis	stry						
	Disagree	1	2	3	4	5	6	7	Agree
l feel confid	dent in my ability	to com	plete my	y chem	istry cour	se with	a passing	g grade	
	Disagree	1	2	3	4	5	6	7	Agree

Name:		

	_		_			•			
l interact v	with my instruct	or							
	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 my	peers							
	Infrequently	1	2	3	4	<b>(5)</b>	6	7	Frequently
I am motiv	ated to learn ch	nemistry							
	Infrequently	1	2	3	4	5	6	7	Frequently
I have trou	uble focusing in	my chen	nistry cla	iss					
	Infrequently	1	2	3	4	(5)	6	7	Frequently
I feel the d	lifferent topics t	aught in	chemist	try are c	onnec	ted to eac	h 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 amou	nt of work in thi	s course	will be o	challeng	ing	_			
	Disagree	1,	2	3	4	(5)	6	7	Agree
The course	e content will be	difficult	for me						
	Disagree	1	2	3	4	(5)	6	7	Agree
The struct	ure of the class	supports	the lea	rning of	chemi	stry			
	Disagree	1	2	3	4	<b>(5)</b>	6	7	Agree
I will enjoy	the course ove	rall				_			
	Disagree	1	2	3	4	<b>(5)</b>	6	7	Agree
For this ite	m, circle the nu	mber tw	0						
	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
I 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 a	ctivities							
	Disagree	1	2	3	4	(5)	6	7	Agree
I enjoy thir	nking about chem	nistry ou	tside of	my cour	se wo	rk			
	Disagree	1	2	3	4	<b>(</b> 5)	6	7	Agree
ا feel well-ا	prepared for this	course							
	Disagree	1	2	3	4	<b>(3)</b>	6	7	Agree
I can handl	e dealing with ac	cademic	setback	S					
	Disagree	1	2	3	4	<b>(</b> 5)	6	7	Agree
I am gener	ally curious abou	it chemis	stry						
	Disagree	1	2	3	4	(5)	6	7	Agree
I feel confi	dent in my ability	to com	plete my	y chemis	try co	urse with	a passinį	g grade	
	Disagree	1	2	3	4	(5)	6	7	Agree

Name:

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
I am motivated to learn ch	nemistry	,						
Infrequently	1	2	3	4	5	(6)	7	Frequently
I have trouble focusing in	my cher	nistry cla	ass					
Infrequently	1	2	3	4	5	6	7	Frequently
I feel the different topics t	aught ir	chemis	try are o	onnecte	d to e	ach 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 amount of work in thi	s course	will be	challeng	ging		$\bigcirc$		
Disagree	1	2	3	4	5	( <sub>6</sub> )	7	Agree
The course content will be	difficul	t for me						
Disagree	1	2	3	4	5	<b>6</b>	7	Agree
The structure of the class	supports	the lea	rning of	chemist	ry			
Disagree	1	2	3	4	5	6	7	Agree
I will enjoy the course ove	rall							
Disagree	1	2	3	4	5	G	7	Agree
For this item, circle the nu	mber tw	/0						
Disagree	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
I understar	nd chemistry bet	ter beca	use of th	ne lab ad	tivities				
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I will enjoy	the laboratory a	ctivities							
	Disagree	1	2	3	4	5	<b>(</b> 6)	7	Agree
l enjoy thir	nking about chen	nistry ou	tside of	my cou	se work				
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I feel well-	prepared for this	course							
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I can handl	e dealing with a	cademic	setback	s					
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree
I am gener	ally curious abou	ıt chemi:	stry						
	Disagree	1	2	3	4	5	6	7	Agree
I feel confi	dent in my ability	y to com	plete m	y chemis	stry cour	se wit	h a passin	g grade	
	Disagree	1	2	3	4	5	<b>6</b>	7	Agree

Name:		

I interact w	vith my instructo	or							
	Infrequently	1	2	3	4	5	6	(7)	Frequently
In class, I as	sk questions							0	
	Infrequently	1	2	3	4	5	6	( <del>7</del> )	Frequently
In class, I in	iteract 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 troul	ble focusing in r	my chem	istry cla	SS					
	Infrequently	1	2	3	4	5	6	(F)	Frequently
I feel the di	fferent topics to	aught in	chemist	ry are co	onnected	d to eacl	h othe	er	
	Infrequently	1	2	3	4	5	6	(7)	Frequently
I am likely t	o attend class r	egularly						_	
	Infrequently	1	2	3	4	5	6	<b>(7)</b>	Frequently
The amoun	t of work in this	course	will be c	hallengi	ng				
	Disagree	1	2	3	4	5	6		Agree
The course	content will be	difficult	for me						
	Disagree	1	2	3	4	5	6	0	Agree
The structur	re of the class s	upports	the lear	ning of a	chemistr	У		2.200 c	
	Disagree	1	2	3	4	5	6	(T)	Agree
I will enjoy t	the course over	all							
	Disagree	1	2	3	4	5	6	7	Agree
For this iten	n, circle the nur	mber two	0			æ			
	Disagree	1	2	3	4	5	6	0	Agree

The concep	ts from the lect	ure port	ion of th	ne cours	e connec	ct to the	lab po	ortion	
	Disagree	1	2	3	4	5	6	7	Agree
I understan	d chemistry bet	ter beca	use of t	he lab a	ctivities			_	
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
I will enjoy	the laboratory a	activities	;						
	Disagree	1	2	3	4	5	6	7	Agree
I enjoy thin	king about cher	nistry ou	ıtside of	my cou	rse work				
	Disagree	1	2	3	4	5	6	7	Agree
I feel well-p	repared for this	s course							
	Disagree	1	2	3	4	5	6	$\langle 7 \rangle$	Agree
I can handle	e dealing with a	cademic	setback	(S					
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
l am genera	ally curious abou	ut chemi	istry						
	Disagree	1	2	3	4	5	6	$\bigcirc$	Agree
I feel confid	lent in my abilit	y to com	nplete m	y chemi	stry cou	rse with	a pass	ing grade	
	Disagree	1	2	3	4	5	6	9	Agree

Name:			

			_			•			
	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	i						
	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	regula	rly						
	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	suppo	rts the lea	arning o	f chemis	try			
	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 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
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	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	Agree
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