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When answering these items focus on general chemistry specifically.

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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 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

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The concepts from the lecture portion of the course connect to the lab portion

Disagree	1	2	3	4	5	6	7	Agree
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I understand chemistry better because of the lab activities

Disagree	1	2	3	4	5	6	7	Agree
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I enjoy thinking about chemistry outside of my course work

Disagree	1	2	3	4	5	6	7	Agree
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I feel well-prepared for this course

Disagree	1	2	3	4	5	6	7	Agree
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I can handle dealing with academic setbacks

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| 16. work | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> | play |
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| 17. chaotic | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> | organized |
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I will enjoy the course overall

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Disagree	1	2	3	4	5	6	7	Agree
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I understand chemistry better because of the lab activities

Disagree	1	2	3	4	5	6	7	Agree
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I enjoy thinking about chemistry outside of my course work

Disagree	1	2	3	4	5	6	7	Agree
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I feel well-prepared for this course

Disagree	1	2	3	4	5	6	7	Agree
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I can handle dealing with academic setbacks

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Disagree	1	2	3	4	5	6	7	Agree
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I feel well-prepared for this course

Disagree	1	2	3	4	5	6	7	Agree
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Disagree	1	2	3	4	5	6	7	Agree
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I feel confident in my ability to complete my chemistry course with a passing grade

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Disagree	1	2	3	4	5	6	7	Agree
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Disagree 1 2 3 4 5 6 7 Agree

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Disagree	1	2	3	4	5	6	7	Agree
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I feel well-prepared for this course

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| 11. pleasant | 1 2 3 4 5 6 7 | unpleasant |
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| 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 |
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| 19. tense | 1 2 3 4 5 6 7 | relaxed |
| 20. insecure | 1 2 3 4 5 6 7 | secure |

Name: _____

Please respond to the following items by choosing the number (1 - 7) that most closely reflects your opinion. Do NOT circle the words below the items, only the numbers.

When answering these items focus on general chemistry specifically.

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 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 6 7 Frequently

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
----------	---	---	---	---	---	---	---	-------

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
----------	---	---	---	---	---	---	---	-------

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and **try not to include** your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes **exactly how you feel**. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

- | | | |
|-------------------|---------------------------|------------------|
| 1. easy | 1 2 3 4 5 6 7 | hard |
| | middle | |
| 2. worthless | 1 2 3 4 5 6 7 | beneficial |
| 3. exciting | 1 2 3 4 5 6 7 | boring |
| 4. complicated | 1 2 3 4 5 6 7 | simple |
| 5. confusing | 1 2 3 4 5 6 7 | clear |
| 6. good | 1 2 3 4 5 6 7 | bad |
| | middle | |
| 7. satisfying | 1 2 3 4 5 6 7 | frustrating |
| 8. scary | 1 2 3 4 5 6 7 | fun |
| 9. comprehensible | 1 2 3 4 5 6 7 | incomprehensible |
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