

Chemistry Parent Survey - Languages

Language	Yes	Not Yet	No	Total
English	87	50	1	138
Chinese	5	0	0	5
Mandarin	2	1	0	3
Spanish	2	1	0	3
Tamil	3	0	0	3
Kannada	1	1	0	2
Telugu	1	1	0	2
Bulgarian	1	0	0	1
Cantonese	0	1	0	1
Hindi	0	1	0	1
Japanese	1	0	0	1
Korean	1	0	0	1
Romanian	0	1	0	1
Finnish	1	0	0	1
TOTALS:	105	57	1	163

Yes

Not yet, but my child plans to take high school chemistry

No, and my child has no plans to take high school chemistry

How would you describe your child's interest and enthusiasm in high school chemistry?	How would you describe your child's skills and conceptual understanding in high school chemistry?	How satisfied are you with the high school chemistry instruction your child has received in the Issaquah School District?	Total	%
My child does not care for chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Dissatisfied	1	1.12%
My child does not care for chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Dissatisfied	1	1.12%
My child does not care for chemistry.	My child struggles with chemistry concepts and skills.	Dissatisfied	1	1.12%

My child does not care for chemistry.	My child struggles with chemistry concepts and skills.	Satisfied	1	1.12%
My child does not care for chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very Dissatisfied	1	1.12%
My child does not care for chemistry.	My child struggles with chemistry concepts and skills.	Very Dissatisfied	1	1.12%
My child is keenly interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Dissatisfied	1	1.12%
My child is keenly interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Satisfied	4	4.49%
My child is keenly interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Satisfied	4	4.49%
My child is keenly interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very Dissatisfied	3	3.37%
My child is keenly interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Very Dissatisfied	1	1.12%
My child is keenly interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very satisfied	1	1.12%
My child is keenly interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Very satisfied	11	12.36%
My child is moderately interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Dissatisfied	7	7.87%
My child is moderately interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Dissatisfied	4	4.49%
My child is moderately interested in and enthusiastic about chemistry.	My child struggles with chemistry concepts and skills.	Dissatisfied	2	2.25%

My child is moderately interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Satisfied	13	14.61%
My child is moderately interested in and enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Satisfied	5	5.62%
My child is moderately interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very Dissatisfied	2	2.25%
My child is moderately interested in and enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very satisfied	4	4.49%
My child is not interested or enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Dissatisfied	3	3.37%
My child is not interested or enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Dissatisfied	1	1.12%
My child is not interested or enthusiastic about chemistry.	My child struggles with chemistry concepts and skills.	Dissatisfied	4	4.49%
My child is not interested or enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Satisfied	1	1.12%
My child is not interested or enthusiastic about chemistry.	My child has an exceptional grasp of chemistry concepts and skills.	Satisfied	2	2.25%
My child is not interested or enthusiastic about chemistry.	My child struggles with chemistry concepts and skills.	Satisfied	3	3.37%
My child is not interested or enthusiastic about chemistry.	My child has an adequate grasp of chemistry concepts and skills.	Very Dissatisfied	2	2.25%
My child is not interested or enthusiastic about chemistry.	My child struggles with chemistry concepts and skills.	Very Dissatisfied	5	5.62%

What is most important to you in your child's high school chemistry education?
that he/she understands what is being taught. currently my child is in a chemistry class taught by someone who [redacted] is very hard to understand, and the teacher is very unorganized making learning a real challenge. my other child had a very good experience with a chemistry teacher at the same high school.... so the teacher is paramount to the student's learning!
Most important thing to me is the ability of the teacher that attempts to store information into my child's head. Judging by his complaints and constant agonizing of things he needs help with, I would say the teacher is incompetent at teaching chemistry properly.
Non- cramming education
Math skills
Engage children at a level they can relate to and understand the concepts. Teachers willingness to answer questions and provide adequate study materials
Having all subjects thoroughly explained
Enterder e idenrificar procesos quimicos en su vida cotidiana GOOGLE Translate: Understand and identify chemical processes in your daily life
having a teacher that knows how to teach chemistry. all the kids in my child's class has to go on to youtube to find out how to do their homework. Learning and understanding chemistry is the main goal.
I am a Chemist. However, my son does not like it.
That she is supported in all aspects and receives the best education possible through the most qualified teachers
Using class time to its fullest and learning through both lecture and hands on labs
Applying the scientific method.
Fundamental concepts need to be taught well
Concepts learned in class can be applied to the Labs
Learning the solid basics in Chem, creating interest to take [advanced] Chem.
learning the material
Learning the material. Had a long term sub who did not teach the material, and students are behind the next year in [advanced] Biology
Both sophomores and Juniors are taking her chemistry class, and since it contains a lot of mathematical elements sophomores tend to respond to teacher more slowly than juniors in general. My daughter feels embarrassed about her not being fast enough to understand what teacher is talking about, and there has not been any help to solve for that since teacher just keeps moving on. That kind of situation made my child lose her interest even more.
Practical experiments
I want my child to conceptually understand chemistry so they are prepared for further education on the subject. I want my child to have enough laboratory experiences to understand that chemistry and science subjects are fun and easier to understand though experiencing the phenomena via an experiment.
Quality of instruction, and teacher's professional enthusiasm.

Timely feedback on assignments and quizzes so my son can know and work on the gaps in his knowledge. Feedback was much delayed.
Quality and hands-on teaching.
Understand the basic concepts of periodicity and chemical reactions
The Gen. Chem curriculum at [school] lacks both depth and breadth. My son got a high A (nearly 100%) at [school] but did poorly in the SAT II Chem exam(high 500's). The curriculum does not cover enough, and there's too much grade inflation. It's too easy.
teacher too young and course is not challenged enough
Presenting college level curriculum and offering IB and AP options.
Being able to expand on the concepts learned in eighth grade.
that there be more hands on learning and less math involved in the new curriculum.
College readiness
For it to be engaging
Hands on, relevant experience (labs)
Kids have fun
prep for college or job
She learned about chemistry
She needs college prep level chemistry
That teachers teach material effectively to students
That they understand chem better
I would like it to be presented in a more engaging, relatable way. Unfortunately, both of my sons' different chemistry teachers failed to present info in a way I feel pulls them in, engages them, makes them want to learn more. These actions lead to positive results... it opens the doors to questions which leads to deeper learning, and the ability to relate/apply that knowledge to the world around them. Unfortunately, I have been VERY disappointed with the science teachers all 3 of my kids have had going back to the early years at [redacted feeder pattern]. It's sad to me they all 3 hate the subject. My oldest did experience a phenomenal teacher in 6th grade at an out of district school, but that was short lived & ended when we moved here. Love that you're doing this! Honestly, though, I think it should go further... The district should be a surveymonkey every year on teachers our children have with results going to department heads. They're are several that should be held accountable for their lack of skill. Some are not in the right career &/or age group. Wouldn't that knowledge be powerful? The upsets, frustrations, & issues I hear on a select handful of teachers are all the same when I talk to other parents who have had a child in that particular teacher's class. Constructive criticism is powerful to personal growth, and our students are the only ones equipped to provide that info. Time for teachers to step up and open their minds to personal change as it supports kids or be moved out to allow another great teacher in.
That the teacher is enthusiastic about the subject.
Chemical fantastic and basic common sense
Emphasis on learning. For example if my son doesn't do well on a test, he should be able to try again on another day.
Engaging and thorough coverage of concepts
enthusiastic teacher is instrumental, hands on labs is what holds my childs interest in chem.
Follow the text. Provide clear examples. Do lab experiments. Emphasize scientific method.
Grades
Having a good teacher

I want my child to understand that chemistry is an experimental science--which means understanding concepts, thinking critically, designing and conducting experiments, then resetting assumptions based on learning. I want my child to really enjoy chemistry and science in general.

I wish there was a simplified class for kids who won't be going into a technical field but could use basic chemistry knowledge and skills. My daughter stays after school with her teacher most days and is still almost failing the class because it's hard and she has zero interest in it.

if they are understanding the material.

Inculcating an enthusiasm for Chemistry in the student.

It's important that teachers teach the lesson in different ways so the student can understand it in a different way if they have to

Lab or hands on experience

Learning the material instead of just working to get an A

Learns how to approach solving problems. Has a solid understanding of the basics of chemistry so he can understand general science articles in the news, and could take more advanced chemistry in college if he wanted to.

Need more time to teach the exceptional grasp of chemistry concepts and skills. The teacher need to ask more question and help the students to understand to solve the problems. Not only watch video in class.

Reduce the syllabus or increase 1 year to 2 years.

Taking time to truly learn less concepts and make sure enough practice is sent home for the student to do it on their own, without any help.

That she learns something useful to her and can apply her learning to life. Also, that her education prepares her for life after high school - in her case, to go on to a selective college.

That the kids see chemistry is part of life around us, that they learn enough to retain and expand from what they learned, interesting labs and scientific method.

That the teacher actually be equipped to teach and not just be knowledgeable in Chemistry. My son had a teacher with a [specific degree] who had absolutely no classroom skills. He ended up teaching himself using online tools. He is going to be an engineering major and so this is a very important class for him. Pay someone well who actually knows chemistry and wants to teach. You need to raise salaries for STEM teachers!!

That they can understand the core concepts of chemistry to prepare them for more advanced courses.

That they get a basic understanding of and appreciation for chemistry.

That they obtain a strong grasp of chemistry fundamentals enjoy the class and see how fascinating and relevant chemistry is and can be.

The most up-to-date curriculum and college prep.

The presentation abilities by the instructor.

To understand the curriculum and enjoy the course.

understanding basic knowledge of the various chemical elements and how they interact, precautions, research, importance for new medical breakthroughs

Understanding of the concepts

Learning basic chemistry in general chemistry and learning advanced chemistry in [advanced] chemistry courses. They should be able to achieve an A if they show the effort needed to gain that grade.

That the teacher teaches to 'all' students, not just the ones wanting to be a chemist. The teacher at [school name] teaches way above the learning level of the kids in the class. Most of the parents I know (along with myself) had to hire a tutor for my child just to keep up with the class. This is very frustrating to me. My tax dollars should be paying for a teacher that can teach to ALL the kids in the class.

Is there any other info you want to share?

My son loved his Chemistry class, but I think he got the "good" teacher. You might also focus on teaching styles, etc.....

yes I hope that the curriculum that is chosen will be easier to understand for all students.

Look for real world examples that might be of interest to students that demonstrate the gee wiz factor of chemistry!

Use proven math based curriculum.

Too bad this is coming too late, as both of my kids have taken Chemistry and both have struggled.

I have found that a number of the labs in the science classes are somewhat subpar. I would like to see more of the school's money and support be given to the science classes so great labs can be created.

The adoption process can be challenging for students especially during the school year. My daughter struggled with the Algebra II adoption process, when working with school based tutors.

Every student needs access to a print text, if adopted, at home and at school. This and other research substantiate my point: <https://www.scientificamerican.com/article/reading-paper-screens/> Since all students do not have lockers, carrying texts at school is unreasonable.

Please chose another textbook instead of discovery chemistry

Please give a variety of teachers and styles. Please make Chemistry an option for every child not just [advanced] kids. How can it be fun and engaging for our students?

According to my student, current style of chemistry curriculum seems necessary to teach/study with speed because of its volume. If school/parents to expect students to produce quality work, absorb fully to make it as their own, and that takes time, but it may overlooked in current curriculum. Slowing down the pace of teach/study would be necessary to achieve those goals.

having teachers that know how to teach the subject they are teaching should be the main goal for every subject. This does not seem to be of high importance at our school.

My daughter is considering taking summer chemistry either online or at a community college

We feel it is imperative that ISD offers Chemistry as well as [advanced] Chemistry in high school.

The way the curriculum is currently organized, it creates confusion, introducing notions such as radioactivity before the students have a clear image of atom structure and matter interaction.

Better teachers

I believe the teachers need more skill and concept in Chemistry before they can find a way to teach students.

Very dissatisfied with the teaching instruction of chemistry at [redacted] High school.

Chemistry was by far the most frustrating class for both of my children. Both felt extremely ill prepared for labs and tests. With both we spent time googling concepts to prepare for tests as information was not adequately taught. In no other class have we had to prepare for tests with outside tools. (Just for reference one of my children had a 4.0 GPA). Also, both complained that labs were not planned or explained well and many students did not understand the assignments.

Need better qualified chemistry teachers

My kid is weak in doing Labs and writing reports. Hope the class can provide extra help!

Would like clear, engaged instructor.

I don't believe the students receive enough support especially those who struggle with math and sciences. There needs to be a reevaluation of the material being covered in class along with the amount of time spent on each concept. Students shouldn't be required to know the information before taking part in the class. Outside homework to prepare for class makes sense. However, grading a student on correctness when they haven't been taught the material is not okay.

[redacted] is the Chemistry teacher that teaches my child, and has been described as impossible, short-fused, struggles to control the class, and does not allow a student who obviously knows how to solve a difficult problem to teach how to do that problem because his problem solving does not match [redacted] roundabout method, therefore must be wrong.

The curriculum should be one that provides students with actual information. There is a lot of emphasis on the student being a scientist and making discoveries and that is fine. However, that must be tempered with the understanding that scientists in real life work under more rigorous conditions and with complex information. It is critical that students understand this.

train teacher to challenge students to ensure they are ready and competitive

This isn't much of a survey. Language - English. Will child take Chemistry. I thought this would be about input on the curriculum.

... Long class periods make it hard to absorb the dense material and not meeting daily is tough too.

The current Chemistry instruction is severely lacking in quality and enthusiasm from the teacher. Level of instruction is poor and coverage of content is lacking. Extremely disappointed.

Please encourage H.S. teachers to understand 'the power of zero'
<https://lawrencenorth.itschools.org/MediaLibraries/lawrencenorth.itschools.org/Documents/guidance/The-Power-of-Zero.pdf> in grading. Giving kids really low lab grades on first labs early in term shuts them out of achieving in Chemistry for the remainder of the term. Actually teach them how to do a lab first!

My 10th grade son reached Nationals in Chemistry Olympiad while he was still in 9th grade, and the only one from Issaquah school district. Clearly, he is not only interested in Chemistry but also good at it. It is important for him to do advanced Chemistry but this class appears not to be offered next year. This discouragement is affecting him and will affect his college and career choices. Please give me a call to discuss how we can together encourage learning in my child.

I have a bachelor's degree in chemistry

This class needs to better prepare the kids for IB/AP Chem but it isn't. It also does a poor job preparing kids for SAT II Chem. It needs to expand on both breadth and depth.