

Please complete this anonymous survey honestly and completely. It will have no reflection on your grade or performance in this class. The survey is intended to help assess student background and developing study skills in relationship to performance and may be helpful in re-evaluating course prerequisites and other factors to ensure student success in chemistry.

At the top of the Scantron or test form write the following: ① **Chemistry Preparedness Survey, Today's** ② **Date** and Your Chemistry ③ **Class Period**, Your ④ **Teacher's Name**, ⑤ **School** and ⑥ **State**. Bubble in the appropriate answer to the following questions carefully making sure any erasures are cleanly done. Make sure you have selected only the **ONE** best answer for each question.

- Level of this Chemistry class:
a) regular 1st year course b) honors or college prep (advanced 1st year course) c) other
- Gender:
a) Male b) Female
- Year of your Birth:
a) 1990 b) 1989 c) 1988 d) 1987 e) 1986
- Student Class Standing:
a) Freshman-9th grade b) Sophomore-10th grade c) Junior -11th grade d) Senior-12th grade
- Are you involved in school related extracurricular activities (sports, drama, clubs, etc.)?
a) yes b) no
- Do you work at a job outside of school during the school year?
a) yes b) no

Science Background:

- Do you have a general interest in science?
a) yes b) some interest c) no interest d) I do not know
- What grade did you earn in 8th grade science?
a) A-B b) C c) D-F d) did not take 8th grade science
- What grade did you earn in high school biology, integrated science or previous **high school level** science class?
a) A-B b) C c) D-F d) I did not take a previous high school science class
- Was the high school science course you took at the honors or advanced level?
a) yes b) no c) does not apply to me
- Why are you taking Chemistry now? (choose the ONE that is most appropriate answer for you)
a) College entrance requirement b) Personal interest
c) Automatically placed d) I am repeating the course

Math Background:

12. Are you generally placed as an honors or advanced level student in math?
a) yes b) no
13. What grade did you earn in Algebra I, Math A or a math course that included basic algebra concepts?
a) A-B b) C (65+ on Regents) c) D-F
d) did not take Algebra I or Math A or any beginning algebra course
14. Were you required to repeat either Algebra I, Math A or a course with initial algebra concepts to receive a "C" or above?
a) yes b) no c) the question does not apply, I have not taken it.
15. What grade did you earn in Algebra II, Math B or a second course that involved Algebra concepts?
a) A-B b) C c) D-F d) I am taking it now e) I have not taken a second course
16. Were you required to repeat Algebra II or the second level Algebra course (or moved to a Mathematical Models Course) to obtain a "C" or above?
a) yes b) no c) the question does not apply, I have not taken it.
17. Are you currently enrolled in a math class **above** Algebra II or in honors or advanced Algebra II Course?
a) yes b) no
18. Do you play a musical instrument?
a) yes b) no

Reading, Writing and Language Skills Background:

19. Is English your second language?
a) yes b) no
20. If you have taken a foreign language in the past, what grade did you earn?
a) A-B b) C c) D-F d) I am taking it now e) I have not taken a foreign language
21. Do you feel confident in your ability to summarize in writing something you have read?
a) yes b) no
22. Do you feel confident in your ability to write an outline on something you have read?
a) yes b) no
23. Do you feel confident in your ability to write a short answer response to a question with proper sentence structure and punctuation?
a) yes b) no

24. Have you an experience in keeping a journal or diary whether it be for school or for personal use?
a) yes b) no
25. What grade did you earn in your very last English class:
a) A-B b) C c) D-F
26. Are you generally placed as an honors or advanced level student in English?
a) yes b) no
27. Do you read books or novels in your spare time?
a) yes b) no c) sometimes
28. Have you ever read a science fiction book?
a) yes b) no c) I do not know

Study Skills:

29. Approximately how much time do you generally spend completing your homework on an average weekday during the school year?
a) no time spent on homework b) 15 to 30 min c) 45 min to 1 hour d) more than 1 hour
30. Do you generally read directions before beginning an assignment, project or putting something together?
a) yes b) no
31. Thinking back, when you were taking your last science course, did you read the text?
a) yes, always b) sometimes c) no d) only when assigned
32. When you must learn new vocabulary words, do you commonly make your own study aids such as flash cards, word lists, etc.?
a) yes b) no c) only when assigned
33. Do you use the Internet to help you study or research new information?
a) yes b) no c) sometimes d) only when assigned e) I do not have internet access
34. Do you study and/or do homework with other students from your classes or in student groups?
a) yes b) no c) only when required
35. Do you go to the library?
a) yes, regularly b) no, never c) occasionally d) only when required or assigned
36. Do you take notes in class?
a) yes b) no c) only when required to do so
37. Do you stay after school to get extra help when needed?
a) yes b) Only occasionally c) Never d) I cannot stay after school

38. Are you able to get tutoring when you need it?
a) yes b) no c) I would never have a tutor
39. Do you ask questions in class when you do not understand something?
a) Yes b) Sometimes c) No
40. Do you go to your teacher to get help outside of class when you need it?
a) Yes b) Sometimes c) No
41. Which of the following (pick ONE) do you find helps you to learn new math and science subject material best:
a) reading about it b) hearing a lecture c) doing a hands-on activity or lab
d) watching a video or multi-media presentation e) practicing problem solving

Parental Support:

42. Does your parent or guardian show interest in your schoolwork?
a) yes b) no
43. Does your parent or guardian ask you what you did at school?
a) yes, regularly b) occasionally c) sometimes d) no, never
44. Is your success in this class important to your parent or guardian?
a) yes b) no
45. Is there anyone at home who can help you with your chemistry homework?
a) yes b) no

Student Expectations:

46. Do you think this course will be difficult?
a) yes, definitely b) somewhat difficult c) no d) I have no idea
47. Is your success in this class important to you?
a) yes b) no
48. Do you believe you are well prepared to take this course and earn a "C" or above?
a) yes b) no c) I have no idea
49. Approximately how much time do you expect to spend working on chemistry homework on an average day?
a) no time b) 15 to 30 min c) 45 min to 1 hour d) more than 1 hour
50. What grade do you expect to earn in this class?
a) A-B b) C (passing) c) D-F d) I have no idea