

STUDENT QUESTIONNAIRE (ST 2)

SCIENCE

Biology, Chemistry, Physics, General Science (N.C. to define),
Geology, Astronomy.

1. Are you currently taking any of the above Science subjects?
 - A. Yes

 If not, when did you last study one?
 - B. Last year
 - C. 2 years ago
 - D. 3 or more years ago
 - E. Have never taken any Science subject

2. How important has a knowledge of Mathematics been to you in studying Science (indicate one).
 - A. It has been very important; I could not have learned Science without it.
 - B. It has been important, but I could have learned Science without it.
 - C. It has not been important, but it has helped me on occasions.
 - D. It has been of no importance; I have not needed it to learn Science.
 - E. I have never studied a Science subject.

Including this year, indicate how many years altogether you have studied each of the subjects listed below.

3. General Science (National Center to define)

- A. I have never studied this subject
- B. ≤ 1
- C. $> 1 \leq 3$
- D. $> 3 \leq 5$
- E. > 5

4. Biology (including Zoology and/or Botany)(not as part of General Science)

- A. I have never studied this subject
- B. ≤ 1
- C. $> 1 \leq 3$
- D. $> 3 \leq 5$
- E. > 5

5. Chemistry (not as part of General Science)

- A. I have never studied this subject
- B. ≤ 1
- C. $> 1 \leq 3$
- D. $> 3 \leq 5$
- E. > 5

6. Physics (not as part of General Science)

- A. I have never studied this subject
- B. ≤ 1
- C. $> 1 \leq 3$
- D. $> 3 \leq 5$
- E. > 5

For each of the subjects listed below, indicate about how many hours of homework you do each week. If you are not taking the subject indicate A.

11. General Science (National Center to define)

- A. I do not take this subject
- B. ≤ 1
- C. $>1 \leq 3$
- D. $>3 \leq 5$
- E. > 5

12. Biology (including Zoology and/or Botany) (not as part of General Science)

- A. I do not take this subject
- B. ≤ 1
- C. $>1 \leq 3$
- D. $>3 \leq 5$
- E. > 5

13. Chemistry (not as part of General Science)

- A. I do not take this subject
- B. ≤ 1
- C. $>1 \leq 3$
- D. $>3 \leq 5$
- E. > 5

14. Physics (not as part of General Science)

- A. I do not take this subject
- B. ≤ 1
- C. $>1 \leq 3$
- D. $>3 \leq 5$
- E. > 5

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For each of the subjects listed below, indicate how many hours a week of instruction (including laboratory work) you receive. If you are not taking the subject indicate A.

15. General Science (National Center to define)

- A. I do not take this subject B. ≤ 2 C. $> 2 \leq 4$
D. $> 4 \leq 6$ E. > 6

16. Biology (including Zoology and/or Botany) (not as part of General Science)

- A. I do not take this subject B. ≤ 2 C. $> 2 \leq 5$
D. $> 5 \leq 10$ E. > 10

17. Chemistry (not as part of General Science)

- A. I do not take this subject B. ≤ 2 C. $> 2 \leq 5$
D. $> 5 \leq 10$ E. > 10

18. Physics (not as part of General Science)

- A. I do not take this subject B. ≤ 2 C. $> 2 \leq 5$
D. $> 5 \leq 10$ E. > 10

For each of the subjects listed below, indicate what fraction of the time given to a subject you spend in doing practical work, for example studying and drawing specimens, doing experiments or working outside in the field. If you are not taking the subject indicate A.

19. General Science (National Center to define)

- A. I do not take this subject B. 0 or very little C. about $\frac{1}{4}$
- D. about $\frac{1}{2}$ E. about $\frac{3}{4}$ or more

20. Biology (including Zoology and/or Botany) (not as part of General Science)

- A. I do not take this subject B. 0 or very little C. about $\frac{1}{4}$
- D. about $\frac{1}{2}$ E. about $\frac{3}{4}$ or more

21. Chemistry (not as part of General Science)

- A. I do not take this subject B. 0 or very little C. about $\frac{1}{4}$
- D. about $\frac{1}{2}$ E. about $\frac{3}{4}$ or more

22. Physics (not as part of General Science)

- A. I do not take this subject B. 0 or very little C. about $\frac{1}{4}$
- D. about $\frac{1}{2}$ E. about $\frac{3}{4}$ or more