

The Biology Attitude Questionnaire

1. I like biology more than other subjects SD D U A SA
2. Nature and biology is strange for me SD D U A SA
3. Biology lessons are very difficult for me SD D U A SA
4. Biology helps development of my conceptual skills SD D U A SA
5. I would like to have biology lessons more often SD D U A SA
6. Biology knowledge is essential for understanding other courses and phenomenons SD D U A SA
7. During biology lessons, I am bored SD D U A SA
8. The progress of biology improves the quality of our lives SD D U A SA
9. Biology is our hope for solving many environmental problems SD D U A SA
10. Biology is not important in comparison with other courses SD D U A SA
11. I make many efforts to understand biology SD D U A SA
12. Biology is important part of our lives SD D U A SA
13. Nobody needs biology knowledge SD D U A SA
14. I hate biology lessons SD D U A SA
15. I find biological processes very interesting SD D U A SA
16. The work with living organisms in biology lessons is very interesting SD D U A SA
17. Biology is one of the most easiest courses for me SD D U A SA

Key

SD = Strongly disagree = 1

D = Disagree = 2

U = Undecided = 3

A = Agree = 4

SA = Strongly agree = 5

Negative items are scored in a reverse order.

Three dimensions of attitudes

Items

Interest

1, 2, 5, 7, 14, 15, 16

Difficulty

3, 11, 17

Importance

4, 6, 8, 9, 10, 12, 13