

Scoring Questionnaire

The scale was formed as a 5-point Likert type. The options and scores of the items in the scale were “Strongly Disagree = 1”, “Disagree = 2”, “Undecided = 3”, “Agree = 4” and “Strongly Agree = 5. The reverse items were coded as “Strongly disagree = 5”, “Disagree = 4”, “Undecided = 3”, “Agree = 2” and “Strongly agree = 1”. There is no reverse item.

The minimum score that can be obtained from this measurement tool is "0" and the maximum score is "110".

Naming of Factors

When the items distributed to the factors were examined; it was seen that the first factor is associated with Self-Efficacy, the second factor is associated with Appreciation-Reward, and the third factor is associated with the Value of Learning Physics.

Sub-Factors	Item Number	Cronbach Alpha
<i>Self - Efficacy</i>	2, 5, 6, 8, 11, 13, 14, 15, 16, 18, 19, 21, 22	.899
<i>Appreciation-Reward</i>	1, 4, 9, 12, 20	.832
<i>Value of Learning Physics</i>	3, 7, 10, 17	.802
<i>Total</i>	1-22	.911