

## Teacher Survey for Engaging Students in Cognitively Complex Tasks

1. I ask students to generate hypotheses.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

2. I ask students to test their hypotheses.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

3. I ask students to choose between multiple valid options.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

4. I ask students to independently investigate information related to class lessons.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

5. I ask students to invent procedures or tools in order to solve a problem or meet a goal.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

6. I ask students to evaluate multiple methods of problem solving.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

7. I ask students to explain how the results of a task support or do not support a hypothesis.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

8. I ask students to generate and defend conclusions based on cognitively complex tasks they have performed.

Strongly Disagree      Disagree      Neither Agree  
Nor Disagree      Agree      Strongly Agree

*Source: Adapted from Marzano Research. (2016). Marzano compendium of instructional strategies. Centennial, CO: Author.*