

## Reflective Metacognition Questions for Students

The table below contains a set of questions to help students reflect on *how and what they think*.

The questions group under the following subsections, and can be answered individually, in pairs, or as a group exercise with a summary of the answers placed in the last column.

- Reflection and collaboration
- Self-reflection
- Reasoning
- Analysis

Reflection categories	Questions to reflect upon	Reflections
Reflection & Collaboration	<p>What are your thoughts about what was said?</p> <p>How would you agree or disagree with what was said?</p> <p>Are there any other similar answers or alternative answers?</p> <p>Do you or your classmates have any other points to add?</p> <p>How might you convince us that your way is the best way?</p>	
Self-Reflection	<p>How did you determine your answer to be true?</p> <p>Why didn't you consider a different route to the problem?</p> <p>Why does that answer make sense to you?</p>	

Reflection categories	Questions to reflect upon	Reflections
Reasoning	<p>Why do you think this works? Does it always work?</p> <p>Why do you think this is true?</p> <p>How might you prove that to be the case?</p> <p>How might someone argue against this?</p>	
Analysis	<p>What are the differences and similarities between these points and arguments?</p> <p>Are there any ways of thinking that might give you a different answer?</p> <p>Can you predict any outcome from these theories and ideas?</p>	

Dr. Jeremy Sutton