

Content Immersion Reflection #1

Science Content is Conducive to Learning Science

1. This course was set up to deliberately foster a culture conducive to learning. *Three elements which support this culture are respectful interactions, discussions based on evidence, and content accessibility.*

Refer to the prompt at the bottom of page 1-14 and to the indicators listed under *Classroom Culture is Conducive to Learning Science* on the Science Classroom Observation Guide. In your group discuss how that prompt helps to establish collaborative group dynamics.

2. What other instructional experiences have you had today that can be connected to specific indicators of *Classroom Culture is Conducive to Learning Science*?

3. What modifications in your own instructional practice might you make in order to strengthen the collaborative nature of your classroom?

Content Immersion Reflection #2

Science Content is Intellectually Engaging

1. This course was developed to address content that is intellectually engaging. The elements that reflect this are a focus on significant content which builds on students' prior ideas and is intentionally connected to the classroom activities.

Refer to the prompt on the bottom of page 1-45 and the indicators listed under *Science Content is Intellectually Engaging* on the Science Classroom Observation Guide. In your group, discuss how this prompt reflects the elements that make science content intellectually engaging for learners.

2. What other instructional experiences have you had that can be connected to specific indicators of *Science Content is Intellectually Engaging*?

3. What modifications in your own instructional practice might you make in order to ensure that science content is intellectually engaging in your classroom?

Content Immersion Reflection #5

Final Reflection

1. Consider your current knowledge about forces, energy, and motion and compare it to your knowledge at the beginning of the Content Immersion experience. How has your understanding of these topics changed over the week?
2. What specific experiences within the Content Immersion were particularly helpful in developing this understanding?
3. What specific instructional practices used during the Content Immersion contributed to these changes?
4. Of the instructional practices you've identified, select one and describe how you might incorporate it into your classroom practice, especially in light of your work with Science Curriculum Topic Study.