Observe, Wonder, Connect: Sensemaking with PLTW Launch
Overview

• Welcome and Introductions
• Observe and Wonder
• Sensemaking: Making Connections
• Observe-Wonder-Connect in Your Classroom
• Reflection/Q&A
Meet the Facilitators

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Exploring Phenomena

Natural phenomena are observable events that occur in the universe and that we can use science knowledge and skills to explain.
# Observe-Wonder-Connect

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<th>Wonder</th>
<th>Connect</th>
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PLTW LAUNCH
ENERGY IS EVERYWHERE!
Observe and Wonder

• What did you observe in the video?
• How were the examples in the video similar? How were they different?
• What do you wonder after watching the video?
Sensemaking: Making Connections

Now that students have started to think about the concepts for the unit of study, they are ready to engage in learning experiences designed to make sense of the phenomena or the concepts.
Claims and Evidence

When students support their **claims** with **evidence**, they are more likely to build their understanding of science concepts in meaningful ways.
Claims and Evidence

If a student makes a statement, but does not support their claim with evidence, use the following questions to encourage the development of an evidence statement.

• Why do you think that?
• What have you seen or done that makes you think that?
• What evidence do you have that supports your claim?
• What else have you learned that makes you think that?
Observe-Wonder-Connect in Your Classroom