**Popping A Balloon With An Orange-Initial Model**

*Lesson 1*

**INVESTIGATION QUESTION** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**EXPLORING THE PHENOMENON**

Record the observations you notice of the matter involved, and record what you wonder or question.

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| --- |
| **Demo** |
| Notice | Wonder/Question |
|  |  |

As you share your personal observations and related questions, make a list of any similar questions you hear during your table group discussion:

**SHARING INITIAL MODELS**

As you share with your table group, record the agreements and disagreements you have observed.

|  |  |
| --- | --- |
| **Agreement(s)** | **Disagreement(s)** |
|  |  |

**DISCUSSION**

**Purpose of discussion:** Develop a class model expressing our initial explanation of the phenomenon.

1. During the gallery walk, record the agreements and disagreements seen on group models.

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| --- | --- |
| **Agreements** | **Disagreements** |
|  |  |

1. Record the ideas and claims that you agree with and the reason(s) why you agree.

|  |  |
| --- | --- |
| **I agree with…** | **because…** |
|  |  |
|  |  |
|  |  |

1. Draw a picture of our whole-class consensus model.
2. What questions need to be answered in order to further develop our model?

**CONCLUSION**

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| **Problem/Question** |
| *Why do some balloons respond differently to orange peels?* |
| **Prediction** | **Reasoning for Prediction** |
|  |  |
| **Idea(s) for Investigating My Prediction** |
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