

# PS1 Dashboard Cookies

## Final Model

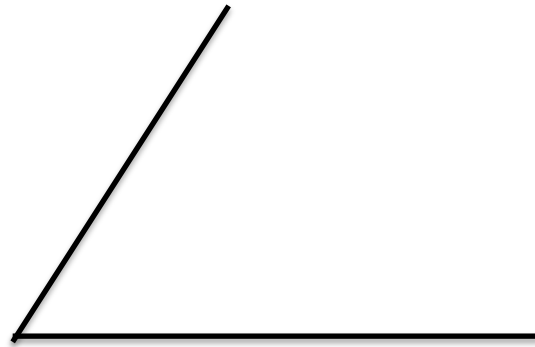
Name \_\_\_\_\_

Date \_\_\_\_\_

Period 2 3 5 6

### **SIDE A: Dashboard Cookies**

Draw a model that explains the different ways light is interacting in the “cookie dough” pictures. Show the path light takes and include labels or a key. Use as many of these science words as appropriate: transmission, reflection, scattering and/or absorption.



Describe what is happening in the model you drew. For full credit, accurately use any variation of the following science words: scatter, reflect, transmit and/or absorb.

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Predict: Explain how you think the light would interact if a cloud moved in front of the sun. Use any useful science words.

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## Final Model

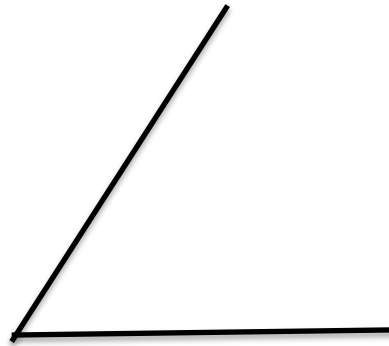
Name \_\_\_\_\_

Date \_\_\_\_\_

Period 2 3 5 6

### **SIDE B – Sun Shade**

Draw a model that explains the different ways light is interacting in the “sun shade” pictures. Show the path light takes and include labels or a key. Use as many of these science words as appropriate: transmission, reflection, scattering and/or absorption.



Describe what is happening in the model you drew. Be specific and use as many of these science words as appropriate: transmission, reflection, scattering and/or absorption.

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Predict: Explain how you think light would interact with the sun shade if it were black instead of silver. Use any useful science words.

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