Name _____ Date _____ Class _____

Modeling Wave Behavior

Part One: Planning

1. In your model, you need to include these parts of the phenomenon:
   - Type of wave (e.g., matter or light) and amplitudes (volume, brightness) and frequencies (pitch, color)
   - Various materials through which the wave(s) interact (reflected, absorbed or transmitted)
   - Characteristics of the wave after it's interacted with a material(s)
2. Why are these parts important to share?

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3. How will you show these parts in the model?

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Part Two: Reflection

1. After viewing your peers' model, complete the below chart.

Part of the model	…is/are like…	Part of the real world	They are alike because	They are different because

2. Reflect on the accuracy of your peers' model.

   How well did the model depict the phenomenon? Explain.

   _____

   _____

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