Name: _____   Date: _____

Initial Model: A Collision with Damage

What two objects collided?

_____ and _____

Which objects were moving before they collided? _____

The collision occurred

Other object	Fragile object

If you had special glasses that could stop time and let you watch both objects, describe what you think you would see happening at these two points in time:

Time point 1: What would you see right at the moment the objects touched?	**Time point 2:** What would you see if you could stop time a split second later?

When do you think the object (or objects) broke?

_____

_____

_____

Explain how the objects that came into contact in this collision **caused** the object to become damaged.

_____

_____

_____

_____

_____