**Unit 6.1 Lesson 3: Water Systems**

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| **Lesson 3 Activity #1**  A puddle formed on grass after a heavy rainfall. But now the rain has stopped and the sun is out. In a few hours, the puddle will completely disappear. The model below uses arrows to show where the water in the puddle will go. Some water will go into the ground, and some water will go into the atmosphere. **Modify the model to show why the water disappears**. |

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| For your model   1. **Draw** the energy driver of water going into the ground, use ----> 2. **Draw** the energy driver of water going into the atmosphere, use 3. **Add to the legend** the names of the added energy drivers.   Unit 6-1 lesson 4 activity 1 image.png  **Legend**  Water movement  \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_ |

Part II.

**Describe** what your model shows. Be sure to describe what is causing the water to move into the atmosphere **and** into the ground, and the **name of each** process.

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Part III.

Imagine a heavy rainstorm occurs late (2 a.m.) in the evening. **Predict** how water movement in the **model might change** during the night. How does your model support your prediction?

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| **Lesson 3 Activity 2**  You watered the plant in the pot and placed it outside in a sunny spot. |
| **Legend:** |

1. Label the essential parts of your model. In your legend:

a. the movement already shown in the plant. **Name that movement** *(process)*include **the symbol** in your legend. Use

b. **show** the energy driver and how it interacts with your model. **Name that energy driver** and use -----> as your symbol.

2. **Describe** what your model shows. Your description should include:

1. What is **causing** the water to move.
2. The name of the **process** that is taking place.
3. The state of the water (solid, liquid, gas) at the beginning **and** end of the process.

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