

L03 Uncover Your Ideas - Tiny Puddles

Part A: Set Up

1. Before beginning read all of the instructions.
2. Gather or locate all of the following materials:
 - a. Sponge
 - b. Stopwatch
3. Make sure your sponge is damp by wetting it and wringing it out. It should feel heavy and moist, but it should not drip.

Part B: The Investigation

Make a prediction: Will the wet spot created by your sponge dry more quickly in the sun or shade? Why do you think that?

Trial 1:

1. Find a **sunny** spot in your classroom.
2. Using your damp sponge, gently press straight down on the sponge to leave a sponge print on the table.
3. As soon as the sponge is lifted, start the stopwatch and time how long it takes for the sponge print to dry.
4. Record the time to disappear in the table below.

Trial 2:

5. Find a **shady** spot in your classroom.
6. Using your damp sponge, gently press straight down on the sponge to leave a sponge print on the table.
7. As soon as the sponge is lifted, start the stopwatch and time how long it takes for the sponge print to dry.
8. Record the time to disappear in the table below.


	Time to dry (s)
Sunny Spot	
Shady Spot	

Part C: Answer the questions below:

1. Create a model that describes how water moved and changed in each test:

Make sure you include:

- i. Water
- ii. Arrows showing the movement of water
- iii. A description of how water changed during the test

 <p>Sunny Spot</p>	<p>Shady Spot</p>
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1. Does this evidence support your prediction? Why or Why not?
