



Water break down observations

Name/s: _____

Use the table below to record your observations during the water break down experiment.
There are also some questions to answer on pages 3 and 4.

Litter Item	Week 1	Week 2	Week 3	Week 4	Week 5



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Litter Item	Week 6	Week 7	Week 8	Week 9	Week 10



Before the experiment

Making predictions

1. Where is the garbage patch located?

2. How big is the garbage patch?

3. What is caught in the garbage patch? Describe the size and types of material.

4. Where could the materials in the garbage patch have come from?

After the experiment

The results

1. Which item(s) showed the fastest break down rate?

2. Which item(s) showed the slowest break down rate?

3. Were there any items that did not change at all during the experiment? List them below and note why you think they did not change.



Reflection and evaluation

1. Why do you think some items broke down more quickly than others?

2. How big is the garbage patch?

3. What is caught in the garbage patch? Describe the size and types of material.

4. Where could the materials in the garbage patch have come from?

5. Based on the information collected in this experiment, what conclusions can you make about the impact of litter in the ocean and in our waterways?
