Science - Year 2

Uses of Everyday Materials – Block 2UEM

Materials Matter

Session 1
Resource Pack

Some Ways of Testing Absorbency

You could:

1. **Pipette Puddle:** Use a pipette to drop water on a table to make a small puddle. Place the paper on top of it for a set period of time and see how much water is left on the table.

2. **Dangly Strips:** Cut a strip from each of the papers and then dangle these over the side of a beaker into some water so the edge of the paper just touches the water. Time how long it takes for the water to reach a line drawn on each of the papers, or count to a number and then take out each of the pieces of paper and see how far up each strip the water has travelled.

3. **Count the Drops:** Stretch the papers over beakers and then count the number of drops placed on the paper until you can see it leaking through and into the beaker. Draw what the paper looks like each time, or describe the amount of water that was left on the table.

Pipette Puddle investigation

My hypothesis (claim) is:

What I will do:
I will use a pipette to drop water on a table to make a small puddle. I will place the paper on top of it for a set period of time and see how much water is left on the table.

What I will need:

How I will record the results:

What did I discover?

Dangly Strips investigation

My hypothesis (claim) is:

What I will do:

I will cut a strip from each of the papers and then dangle these over the side of a beaker into some water so the edge of the paper just touches the water. I will time how long it takes for the water to reach a line drawn on each of the papers, or count to a number and then take out each of the pieces of paper and see how far up each strip the water has travelled.

What I will need:

How I will record the results:

What did I discover?

Count the Drops investigation

My hypothesis (claim) is:

What I will do:

I will stretch the papers over beakers and then count the number of drops placed on the paper until I can see it leaking through and into the beaker. I will draw what the paper looks like each time, or describe the amount of water that was left on the table.

What I will need:

How I will record the results:

What did I discover?

…….. investigation

My hypothesis (claim) is:

What I will do:

What I will need:

How I will record the results:

What did I discover?