Science

Everyday Materials – Umbrella Investigation

This week we would like you to do a simple test to find out which materials would be suitable to make an umbrella from.

Choose materials that you have around the house e. g kitchen roll, toilet roll, paper, cotton, foil, cling film etc

 First put a small toy in a cup and make a lid with one of your materials. An elastic band would hold it in place.

Then drop a measured amount of water onto the lid.

Watch carefully to see what happens to the water, the material and the toy.

Would this material make a good umbrella?

Repeat this with the other materials.

To be a fair test, you must;

 Use the same cup

 Use the same toy

 Use the same size of material

 Use the same amount of water

For each material, record what happens.

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| Material | What happened? | Can this material be used for an umbrella? |
|  |  |  |

Which material would be the best to use for an umbrella? Why?