

Starter



Monday 2nd November 2020

LO: To identify and compare the suitability of materials to use for a raincoat

Question: Which materials are suitable for making a rain coat?

Have a look at these materials.

Do you think they would be good to use for a raincoat?

Why/why not?

Lets make some predictions

<i>Material tested</i>	<i>Prediction</i>
<i>fabric</i>	✓
<i>paper</i>	X
<i>paper towel</i>	X
<i>plastic</i>	✓
<i>felt</i>	✓
<i>cling film</i>	X
<i>sponge</i>	X
<i>foil</i>	X

For this experiment you will need:

A plastic cup

A pipette

Water

Materials

fabric

paper

paper towel

plastic

cling film

sponge

foil

Complete this table as you go

Material tested	Prediction	What happened to the water	Is it waterproof?
fabric	✓	The water went through the fabric	X
paper	X	The water soaked the paper	X
paper towel	X		
plastic	✓		
felt	✓		
cling film	X		
sponge	X		
foil	X		

What are your findings?

Which materials are waterproof?

What would be a good material to use for a raincoat?

What would not be a good choice? Why?

My results

I carried out an experiment to test which material would be best to make a waterproof coat.

I tested them by using a pipette to put _____ drops of water onto each material. I observed what happened to the water and the material.

_____ are the best materials to use for a waterproof raincoat because _____.

_____ is/are not a good material to use because _____.

I would choose the _____ material to make my waterproof raincoat because _____.

