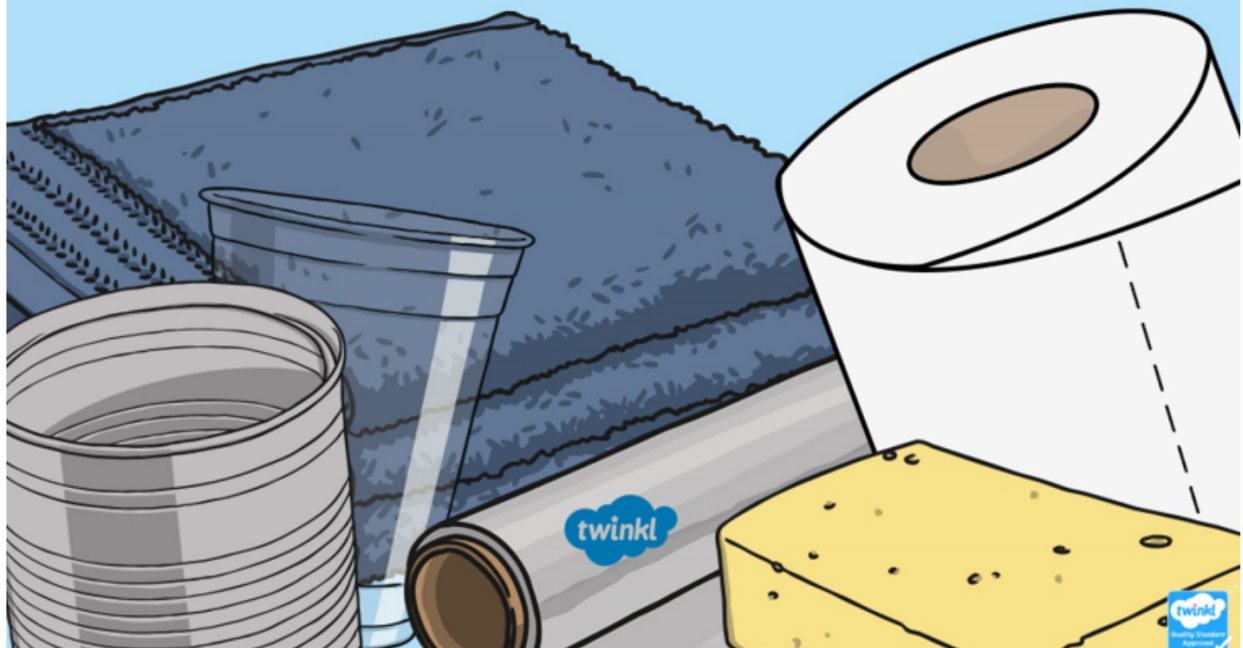


WALT: Investigate how absorbent different types of paper are

## Absorbent Materials



WALT: Investigate how absorbent different types of paper are

**An absorbent material is...**



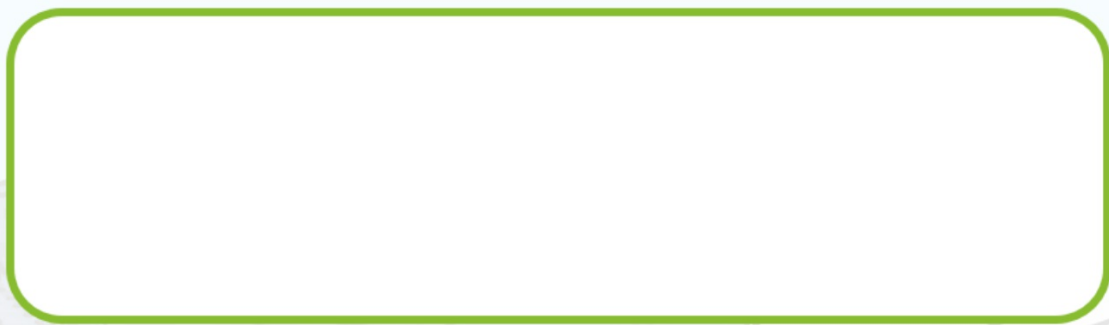
WALT: Investigate how absorbent different types of paper are

What materials do you think are **absorbent**?



WALT: Investigate how absorbent different types of paper are

## Which materials are absorbent?



Click on the **absorbent** materials below to move them into the box.



foil



sponge



cotton wool



fabric



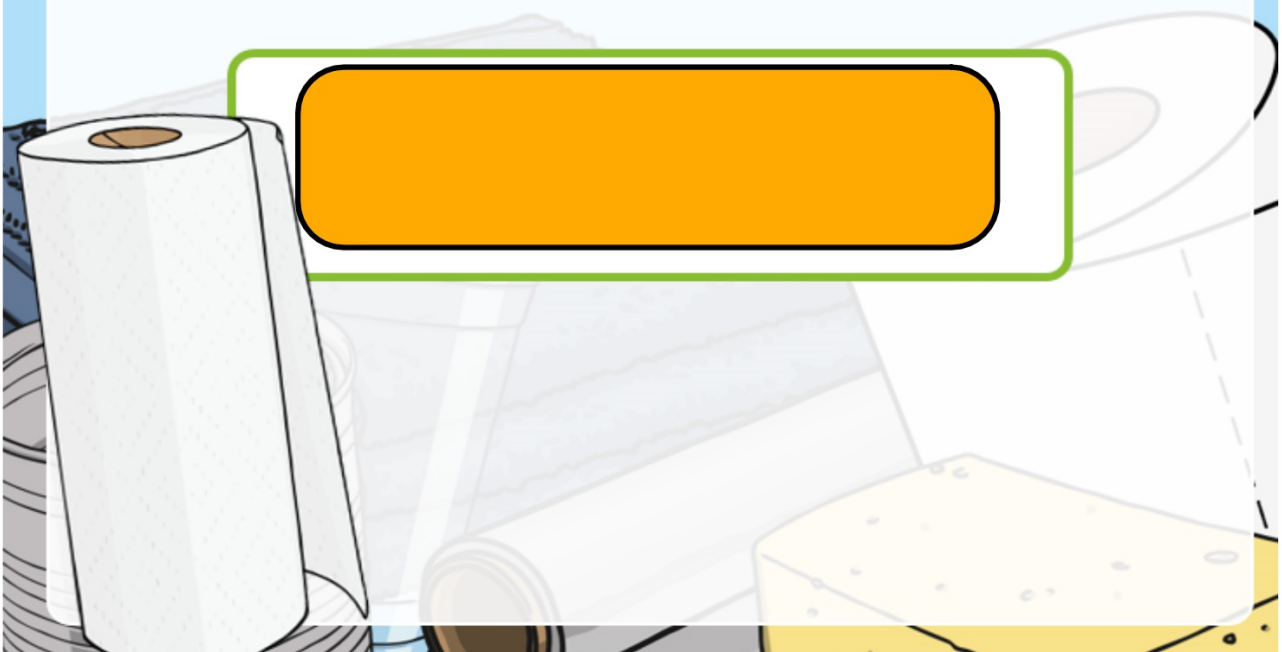
plastic



metal

WALT: Investigate how absorbent different types of paper are

**Why do paper towels need to be absorbent?**



WALT: Investigate how absorbent different types of paper are

**Why does a towel need to be absorbent?**





WALT: Investigate how absorbent different types of paper are

Today, we are going to do an investigation to find out which type of paper is the most absorbent



Paper Towel



Tissue Paper



Toilet Paper



Writing Paper



Newspaper

#### Aim

I am trying to find out which type of paper is the most absorbent?

#### Prediction

I predict that the \_\_\_\_\_ paper will be most absorbent because

WALT: Investigate how absorbent different types of paper are

Method of the Investigation

You Will Need:

- Different types of paper
- Scissors
- Pencil
- Ruler
- A cup or beaker
- Timer

1. Cut your paper into strips of 8cm
2. Mark a 1cm line on the strips, this is how far you will dip the paper into the water
3. Fill up a cup or beaker half way up with water
4. One at a time, place the strips 1cm into the water and hold still for 20 seconds
5. Measure how far up the paper the water has travelled
6. Record the measurement in the results table
7. When you have finished, check which paper absorbed the most water



WALT: Investigate how absorbent different types of paper are

We are going to dip pieces of paper into water to see how much water it soaks up.

How will we make sure our investigation is fair?



Paper Towel



Tissue Paper



Toilet Paper



Writing Paper



Newspaper

Method (fair test)

I will keep these things the same:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

I will only change the \_\_\_\_\_

WALT: Investigate how absorbent different types of paper are

After we have dipped our paper into the water we need to measure how far up the water has travelled and record it in the table

Results table

Type of paper	Paper towel	Tissue paper	Toilet paper	Writing paper	Newspaper
Height water reached (cm)					

**Conclusion**

My prediction was right / wrong because the \_\_\_\_\_ paper was most absorbent. I think this was because \_\_\_\_\_

\_\_\_\_\_

