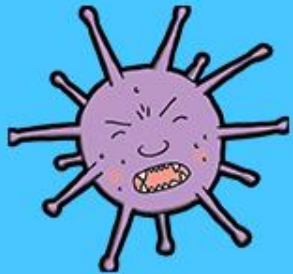


Germ Science

A task setting PowerPoint Pack about the importance of washing our hands



twinkl



Aim

LO: To understand the importance of hygiene for humans.

Success Criteria

- To understand that I need to keep clean to stay healthy.
- I can say what happens when I wash my hands.
- I can say what happens when I don't wash my hands.
- I understand why it is important to wash hands.
- I can show others how to wash hands properly.



The background is a solid blue color. Scattered around the central text are several cartoonish germs and bubbles. There are two pink, oval-shaped germs with faces and open mouths, one in the top left and one in the bottom center. There is a cluster of green, multi-celled germs in the top right. There are two pink, spiky, spherical germs with faces, one on the left and one in the bottom right. There are also several translucent, light blue bubbles of various sizes floating around the scene.

**How can we keep
clean?**

Germ Science

Whatever you did today, you came into contact with germs.

It's easy for a germ on your hand to end up in your mouth.

How many foods do you eat with your hands?

Do you suck your thumb or bite your nails?

Washing your hands is the best way to stop germs from spreading.

Think about all of the things that you touched today. Pencils in the classroom, the toilet, a football or an apple. Maybe you blew your nose in a tissue and then went outside to dig around in the dirt with your friend.

We need to keep our bodies clean too!

We have not only found out that we need **sleep**, but we also need to **keep clean if we want to stay healthy**. We also need to make sure we **don't let any germs /bacteria** enter our bodies, as this will make us unwell.

Always wash your hands before you start cooking or eating. This stops any germs that might have been on your hands from getting into the food or you.

<http://www.foodsafety.gov/>.

The message is **CLEAN, SEPARATE, COOK & CHILL**.

Wash Your Hands

- When your hands are dirty.
- Before eating or touching food you are helping cook.
- After using the bathroom.
- After blowing your nose or coughing.
- After touching pets or other animals.
- After playing outside.
- Before and after visiting a sick relative or friend.



What is the best way to remove bacteria from your hands?

We're going to **investigate** the best way to wash our hands.

I am going to choose **4 children** and **put glitter** on their hands.
(to represent the bacteria which will get all over their hands).

The children will wash their hands by **rubbing them briskly** for 10 seconds.

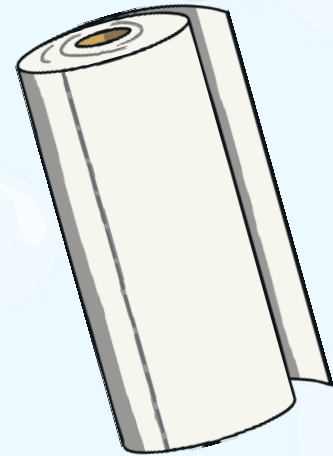
What is fair testing?
Is it important?

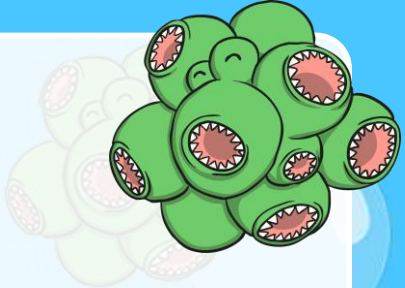


How Clean Are Your Hands?

What you will need:

- Hand lotion
- Biodegradable glitter
- Sink or large bucket
- Newspaper
- Paper towels
- Soap
- Water
- A partner



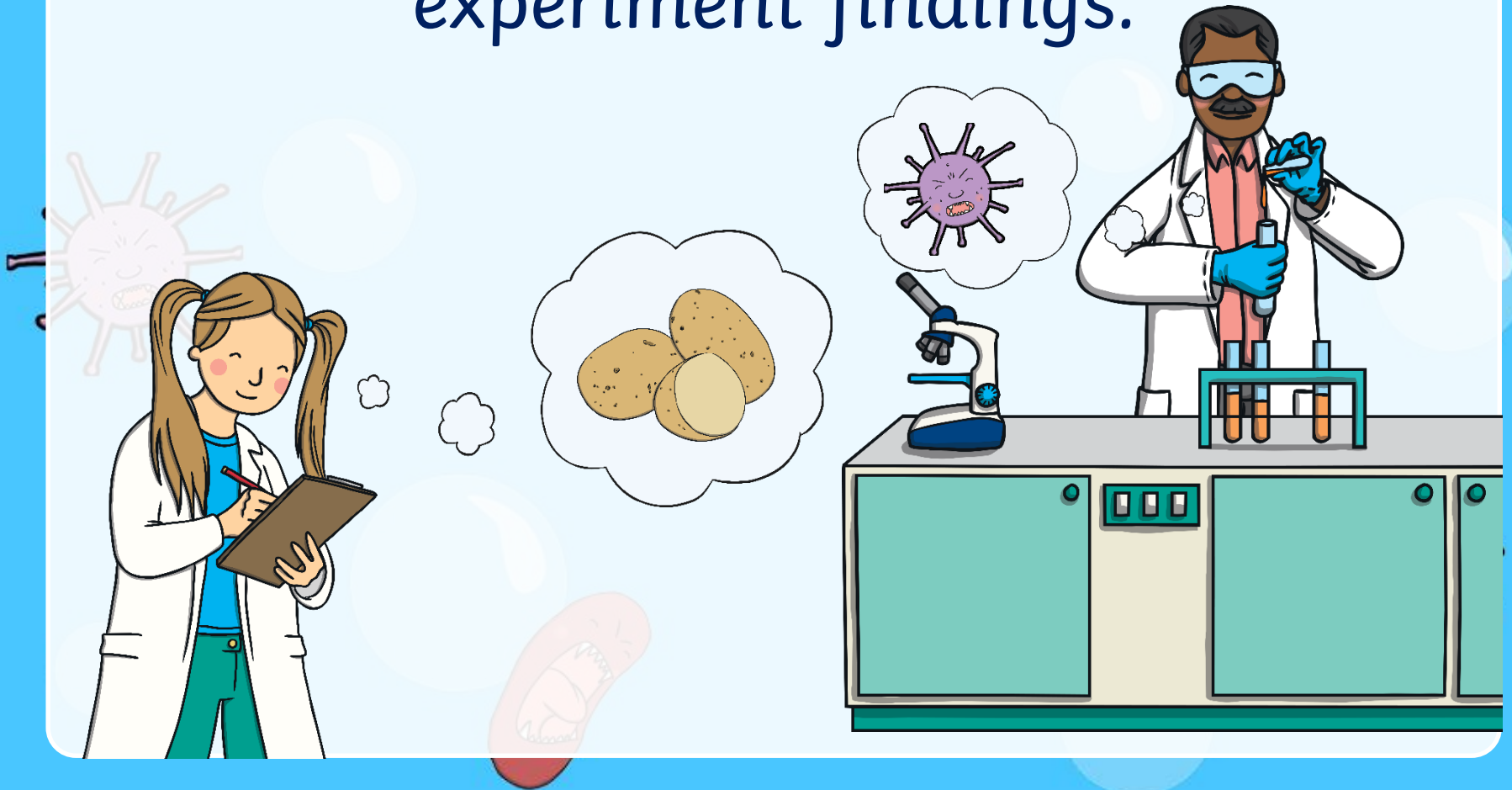


Predicted outcomes!

- **Child 1** – washes hands in cold water.
 - **Child 2** – washes hands with warm water and no soap.
 - **Child 3** – washes hands with water and soap.
 - **Child 4**- uses paper towel to clean hands
- 
- 

Think Like a Scientist

Now you are going to write up the experiment findings.

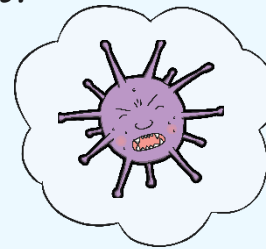
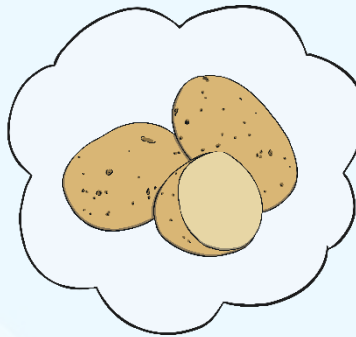


Think Like a Scientist

What have you learnt from this experiment?

Why is it important you know this?

How will it change how you do things from now on?



Plenary Quiz

There are thousands of species of bacteria that can make people ill.

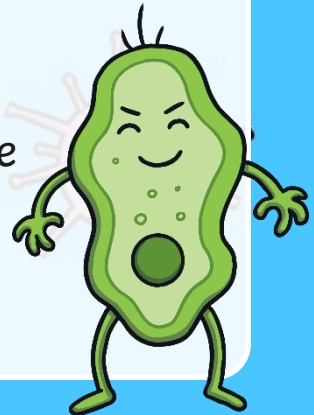
True

or

False

False

Of the thousands of species, only a few make people ill. The 'bad' bacteria are often talked about, not the 'good' ones!



Plenary Quiz

Most bacteria are smaller than the size of a full stop.

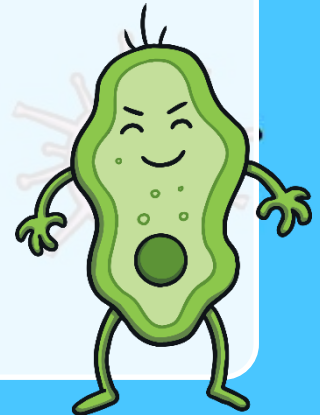
True

or

False

True

That is why they are so hard to see and we have to take extra care washing our hands.



Plenary Quiz

The best way to protect against infection from germs
is to wash your hands.

True

or

False

True

Now we are all experts in this!

