



Spread of Infection: Respiratory Hygiene

Children learn how easily harmful germs (microbes) spread through sneezing.

Northern Ireland Curriculum Links

Curriculum Key Elements

- Personal health and moral character

Curriculum Skills

- Communication
- Thinking
- Problem solving
- Decision making

Curriculum Areas of Learning

- Language and literacy
- Personal development and mutual understanding (PDMU)
- The world around us (TWAU)

Key Words

Symptom, sneeze,
Vaccinations, Germ

@ Weblink

www.e-Bug.eu/ey-respiratory-hygiene

Learning Intention

Children will:

- Understand how proper hygiene practices, such as sneezing into a tissue or sleeve and washing hands after nose blowing, help to reduce the spread of harmful germs and keep us healthy



Resources Required

Activity: Paint Sneezes *Per Child*

- Paper plate/sheet of paper
- Plastic/vinyl gloves
- Food colouring added to water
- Drinking straw

Extension Activity: Hand Washing and Nose Blowing Flashcards

- TS1 Hand Washing and Nose Blowing Flashcards

Extension Activity: Nose Blowing Writing Activity

Per Child

- SW1 Nose Blowing Writing Activity

Advance preparation

1. You may wish to use the balloon hands from lesson 1 instead of paper plates for this main activity.
2. Create a cup of coloured water using a few drops of food colouring.
3. You may wish to use different colours to indicate different germs.

Health and Safety

Children may require aprons.

Ensure that the food colouring is diluted (to avoid staining).

Children may need to wear safety goggles.

For safe microbiological practices in the classroom consult CLEAPPS
www.cleapps.org.uk

Supporting materials

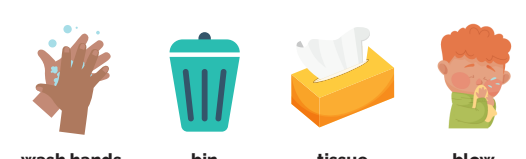


TS1 Hand washing and nose blowing flashcards

SW1 - Nose Blowing Writing Activity

Blowing Your Nose Writing Activity

Write instructions for the correct way to blow your nose. Use the pictures below to help you.



wash hands bin tissue blow

SW1 Nose blowing writing activity

Lesson Plan



Introduction

1. Begin by explaining to the children that they are going to learn how bad germs can be spread by sneezing and coughing, and that this makes us ill.
2. Discuss that colds and flu are caused by bad germs (viruses). The viruses can be passed on to other people if we cough or sneeze on them or if we cough and sneeze on to our hands and then touch them.

Discussion

Discuss with children what happened. Ask them to look at the hand and notice that the germs are still on it.

Microbes can still be passed from person to person through touch if we cover our coughs and sneezes with our hands. It is recommended that in the absence of a tissue we sneeze on our sleeve/elbow because we are less likely to transmit harmful germs to other people by doing this.

Explain that sneezing in your hand can spread the germs to things that we touch, so it is better to sneeze into the tissue (or our sleeve/elbow) and then throw it away and wash your hands as soon as possible.

Activity: Paint Sneezes

1 Use a pen to draw around your hand onto a paper plate or a sheet of paper

2 Add drops of coloured water to the drawn hand

3 Blow the water all over the drawn hand

4 What do you see?



1. Ask the group to use a pen to draw around their hand onto a paper plate or a sheet of paper.
2. Add a few drops of coloured water to each child's drawn hand.
3. Give each child a drinking straw and ask them to blow the germs all over their drawn hand just like they would blow germs out of their nose onto their hands.
4. Children may wish to decorate the germs or give them names.
5. Discuss with the children what would happen if we cover our mouth with a tissue or our sleeve instead of our hands when sneezing and how this would limit the spread of germs.

Children should notice that the coloured water spreads over their drawn hand more readily when they don't cover their mouth.

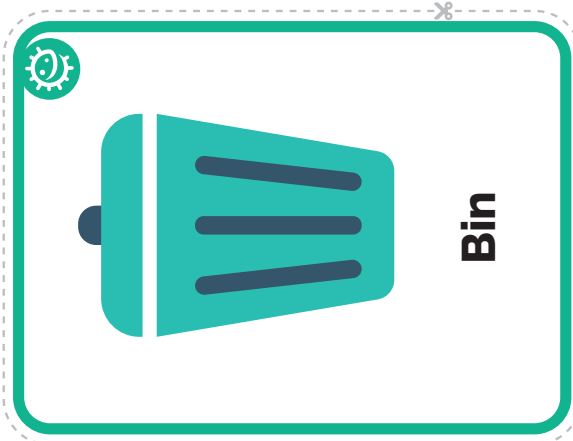
Extension Activities

Hand Washing and Nose Blowing Flashcards

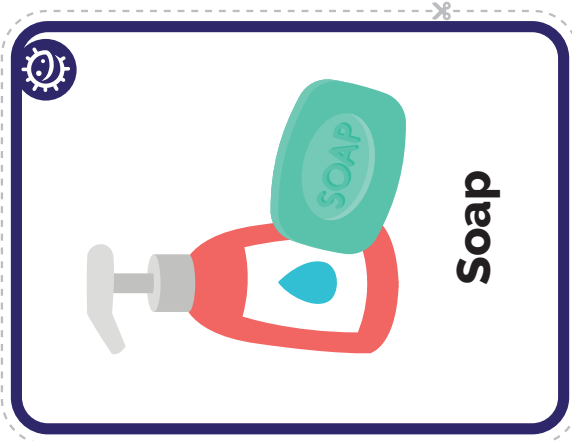
TS1 can be used to support learning. Print the sheet and cut out the flashcards, or display the sheet on a whiteboard. Ask children to name the image, the correct word is shown on the card.

Nose Blowing Writing Activity

Use an enlarged copy of the SW1 to complete a shared writing activity about the correct steps to take when blowing your nose.



Bin



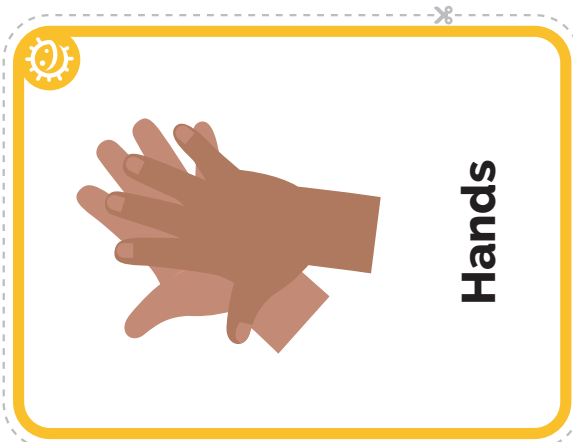
Soap



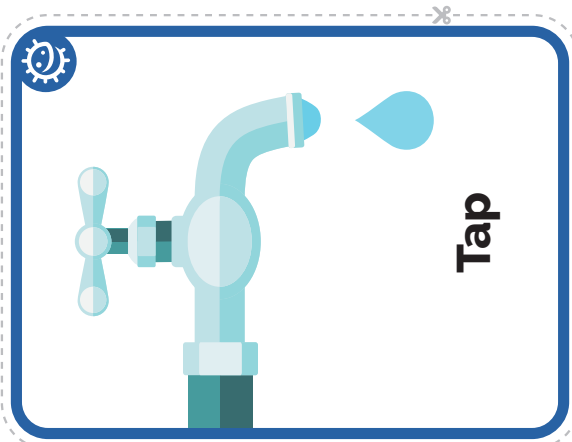
Tissue



Hand sanitiser



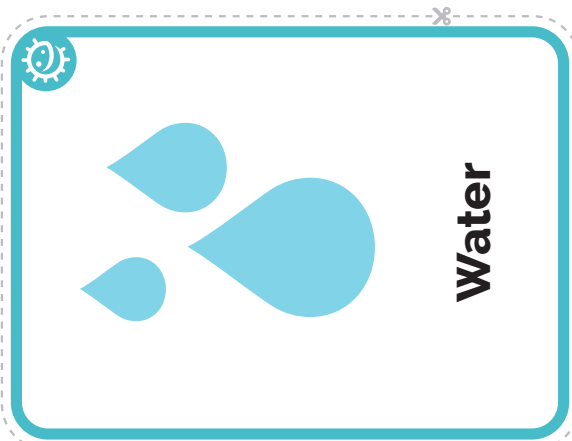
Hands



Tap



Sneeze



Water





Blowing Your Nose Writing Activity

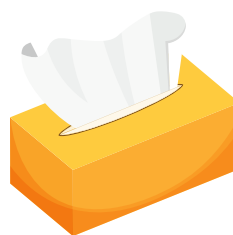
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wash hands



bin



tissue



blow

Step 1

Step 2

Step 3

Step 4

