





Infection Prevention and Hand Hygiene

Kailey Sassi-Jones Lead Antimicrobial Pharmacist Betsi Cadwaldr University Health Board



Spread of Infection





 Common ways to spread infections

> Coughs and sneezes

➤ Human contact – dirty hands





Touch – hands





- We use our hands all the time
- Each day we pick up millions of microbes
- Many of these are completely harmless
- Some could be harmful
- We can spread these microbes through touch



Sneezing



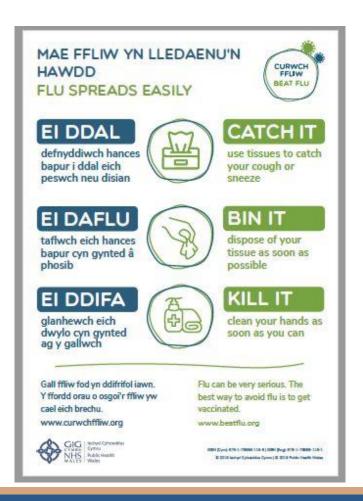


- Sneezing is a way in which our body tries to get rid of any harmful microbes
- Microbes can get stuck in your nose hair and tickle
- When you have a cold or flu millions of virus particles rush out and land on your hands and surfaces around us









 By covering your nose and mouth with a tissue you help prevent the spread of germs

16/06/2020







- Washing your hands is one of the best ways to STOP harmful microbes from spreading and preventing us from getting sick
- Water alone will remove visible dirt and grime, however soap is required to break up the oil on the surface of the hands which traps the microbes

16/06/2020







- Hands should be washed
- Before, during and after preparing food
- After using the bathroom
- After exposure to animals or animal waste
- After coughing, sneezing or blowing your nose
- If you're ill or have been around ill people

16/06/2020







Open the link below to watch the video to remind you how to wash your hands properly

https://www.nhs.uk/live -well/healthybody/best-way-towash-your-hands/











- Eczema is a condition that causes the skin to become itchy, dry and cracked.
- It can be very tempting to scratch the affected areas of skin.
- Scratching can damage the skin, which can itself cause more eczema to occur
- Scratching can also cause bleeding and increase the risk of your skin becoming infected or scarred
- Emollients are moisturising treatments applied directly to the skin to soothe and hydrate it. They cover the skin with a protective film to trap in moisture.
- Use them after hand washing and before bed
- Drying your hands properly is as important as washing them



Activity One



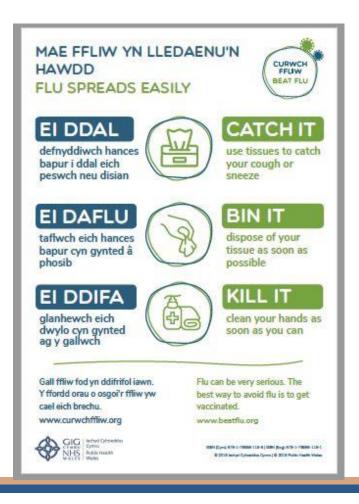


- Print off the attachment titled activity one
- Don't look at the answer sheet just yet
- Complete the quiz
- Send to your school or ask someone to tweet and tag @sassijones and @eBug_UK



Activity 2





- Can you design a better poster than this ?
- Have a go and send it to your school and ask someone to put it on twitter and tag
 @sassijones and
 @Ebug_uk



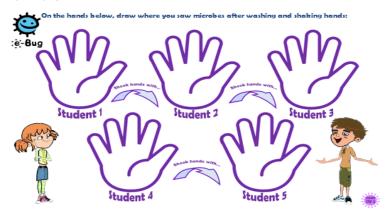
Activity 3



- Cover your hands in cooking or an equivalent non harmful oil and sprinkle well with glitter or cinnamon
- The glitter or cinnamon are your fake bugs or microbes
- Shake hands with someone in your household and ask them to shake hands with the next person and so on
- Get them to show you your hands and record on activity sheet 2 where the bugs are on each person's hand

Repeat the experiment, but this time wash your hands with water alone after covering in glitter but before shaking hands

Repeat again but this time wash your hands with soap and water after covering in glitter but before shaking hands









Thank you

In collaboration with @ebug uk and healthy schools Conwy & Denbighshire Please send evidence of your children's ebug activities to your school and copy me in

kailey.sassi-jones@wales.nhs.uk

www.e-bug.eu