

Themes: Frozen – All About Teeth – Zarg’s World

Intent

To locate cold places on Earth.
 To find out about the people and animals that live in cold places.
 To learn about different Winter sports.
 To explore and experiment with water and ice.
 To freeze different liquids and to talk about what they observe.
 To use the persona of an alien visitor ‘Zarg’ in need of help to understand life on Earth.
 To observe what happens to objects in space.
 To learn about the first Moon landings.
 To talk about the role of a Dentist and Hygienist.
 To be able to talk through the steps of how to brush teeth effectively. To be able to recognise that we have different Types of teeth used for different functions.
 To talk about healthy choices in relation to good oral hygiene.

Implement

Look at a globe with the children and ask them to locate the North and South Poles. Supply World jigsaw puzzles for children to put together and talk about the different parts of the world with the children as they are completing them.
 Watch some of the ‘Frozen Planet’ episodes ‘On Thin Ice’ and ‘Winter’ by David Attenborough and allow children to talk and ask questions whilst watching these.
 Switched on Science Activity – Let Me Out!
 Switched on Science Activity – Will it Freeze?
 Switched on Science Activity – Super Sled.
 Introduce Switched on Science topic Zarg’s World
 Switched on Science Activity – How to Look After Yourself on Earth.
 Switched on Science Activity – Gravity.
 Watch video clip of astronaut brushing his teeth in space. Encourage children to imagine what it would be like to live in an environment be like to live in an environment with very low gravity.
 Look at footage of the first Moon landing.
 Ask children if their families have ever talked to them about this.
 Share a range of books about teeth with the children.
 Set up Dentist role-play.



Reception Class
 Medium Term Planning
 Spring 2023
 Understanding the
 World

Impact

The children enjoy looking at World maps and globes and are able to point out the Arctic and Antarctica.
 They show an interest in the Frozen Planet documentary and ask relevant questions about these.
 When conducting Switched on Science experiments the children are enthusiastic to find out what happens when they freeze different liquids.
 They are able to use appropriate language to describe their findings.
 The children enjoy learning about the Solar System and are able to name some of the planets. They can explain in their own words about how moving in space is very different to being on Earth.
 The children are able to describe a time when they have gone to the dentist and why it is so important to keep our teeth healthy.

Skills:

I can name some cold parts of the world.
 I can name some animals from the Arctic and Antarctic.
 I can say what I can see when different liquids are frozen.
 I can name some planets.
 I know some famous astronauts who were the first people on the Moon.
 I can pretend I am in Space.
 I can name some ways to keep my teeth healthy.

Key Vocabulary:

Antarctic, Arctic, cold, defrost, freeze, frost, frozen, ice, melt, North Pole, ski, sled, snow, South Pole, sports scientists, water, warm, Winter, Winter Olympics, Planet names, Solar System, Astronauts (Neil Armstrong, Buzz Aldrin, Michael Collins) Earth, Galaxy, light year, Moon, rocket, Star, Sun, telescope, International Space Station, gravity, baby teeth, adult teeth, cavity, decay, tartar, plaque, dental floss, tongue, taste, dentist, hygienist,

Differentiation:

Support – provide vocabulary cards with pictures. Expose children to new vocabulary regularly. Regularly model and support use of role-play area. Refer to new vocabulary regularly.
Challenge – give children opportunities to explore different ways of finding out about things related to topic. Encourage children to have an inquiring mind and want to learn new and sometimes tricky vocabulary related to theme.

