

Year 4 will be doing two Science topics this term. The first topic is Animals: movement and nutrition.

- The main organs of the human digestive system are the mouth, teeth, tongue, oesophagus, stomach, small and large intestines and each has a different function.
- The different types of human teeth are incisors, canines, premolars and molars and each has a different function.
- Teeth can be damaged by sugary and acidic food, for example.
- It is important to brush teeth twice a day, make good food choices and visit the dentist regularly.
- The teeth of carnivores and herbivores are different for a reason.
- Predators hunt for their food and prey are the animals being hunted.
- Producers make their own food.
- Food chains begin with a producer, followed by consumers and arrows to show the energy passed on.

After half term we will be learning about light and shadows.

- Light travels from a source (e.g. the Sun, light bulbs and torches).
- Light is needed to see things and that dark is the absence of light.
- Light from the Sun can be dangerous and how to protect their eyes.
- All materials reflect light.
- Shadows form when the light from a light source is blocked by an opaque object.
- Shadows change as a result of changing the position of the light source and changing the distances between the light source, object and surface.
- Shadows change position and length throughout the day as the Sun changes position in the sky.