

# Castles and Monarchs - Year 2

## Science

- Animals obtain their food from other animals and plants.
- Plants need water, light, air and a suitable temperature to grow and stay healthy.
- Plants and animals rely on each other for survival. Plants rely on energy from the sun and they produce their own food. Animals cannot make their own food and therefore eat other animals and plants for survival.
- Animals and plants live in habitats and microhabitats which they are suited to.  
Microhabitats can be found: Under a log, on a stony path or within bushes.
- Animals and humans are living things, paper and flour used to be living things and objects made from plastic have never lived.

## Geography

- Types of Geographical language includes: Physical and Human, beach, cliff, coast, sea, river, valley, farm, shop, town and village.
- Aerial photos are taken 'from above' to identify human and physical features on the ground.
- Oymyakon is a village in Russia and Potterspurty is a village in the UK.

## RE

- 'Yom Kippur' and 'Passover' are the names of Jewish Festivals.
- Khalsa is a Sikh community where members can show their devotion to their faith.

## Art

- A textile is a type of cloth or woven fabric that can be naturally made or manmade.
- A collage is a piece of art made by sticking various materials (Such as paper, cloth or fabrics) onto a surface.
- The four art processes of 3D form are: Carving, modelling, casting and constructing.
- Clay is used to make a sculpture.
- Dame Barbra Hepworth, Auguste Rodin and Donald Judd are artists who create 3D sculptures.

## Music

- A Violin, Kora, Cello, Harp and guitar are the names of stringed instruments.
- A harp has 47 strings, but a Kora has 21 strings.
- Medieval music was often moody and without instrument, but modern music can be described as lively and energetic.

## History

- The construction of castles have changed over time, from a simple castle made of wood to those made of stone.
- - The monarchy is a form of government in which a person, the monarch is head of state until he or she dies.
- King James I, Queen Elizabeth I, Henry III, Queen Victoria, George VI, Elizabeth II are significant Kings and Queens of the past.
- Charles III is the current king of the UK.
- The Gun Powder Plot was a failed attempt to assassinate King James I in 1605.

## Computing

- A computer program is a set of rules or instructions (An Algorithm) that a computer can understand.
- A problem or error within a computer or algorithm is called a bug. The process of correcting this error is known as 'de-bugging'.
- A browser (Google Chrome or Safari) is used to complete an internet search.
- Computer safety is very important. To use it safely and respectfully: STOP, CLOSE, and TELL if you see something that's upsetting.

## DT/Cooking & Nutrition

- Levers, sliders, wheels and axles are mechanisms that can be used when making a product.
- A product can be improved through evaluation.
- All food comes from plants or animals: It has to be grown, reared or caught. It is produced and processed in different ways.
- Basic rules of food hygiene includes: Wash hands repeatedly, cook food thoroughly, keep surfaces clean and store food correctly.
- Cooking tools and equipment must be used safely and properly.