

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.

Art

- A textile is a type of cloth or woven fabric that can be naturally made or man-made.
- 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 creates 3D sculptures.

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.
 - A Langar is a Sikh community kitchen.

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 out 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.
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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 'debugging'.
- 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 include: washing hands repeatedly, cooking food thoroughly, keeping surfaces clean and storing food correctly.
 - Cooking tools and equipment must be used safely and properly.