

## Year 4: Spring 2 (February & March)

### Topic: Nature Around Us (Science)

- What are **vertebrates** and **invertebrates** and can you name some? (*spine, backbone, no backbone, vertebrae, mammals, birds, fish, amphibians, reptiles*)
- What are the characteristics of **snails/slugs, worms, insects** and **spiders**?
- What are the **characteristics** of **mammals, birds, reptiles, amphibians** and **fish**? (*warm blooded, under water, air, land, hair, babies, live young, eggs*)
- Can you **classify** animals into the groups above?
- Can you name **British trees** and **identify** their leaves?
- How can we **sort** plants? (*flowering, non-flowering, leaf shape, spore bearing, seeds*)
- Can you **name** animals that might live in the **local area**? (*fox, pigeon, dogs, cats, insects, mouse, rat*)
- Can you **identify** local animals from the **signs** they leave behind? (*scat, prints, feathers, food, tracks*)
- How can we use a **key** to identify **species**?
- What has been done to help **wildlife** in our area? (*protect, wildlife, buildings, deforestation, pollution, conservation society*)
- What can I do to help **protect** local **wildlife**?
- What is a **food chain/web**? (*predator, prey, consumer, producer, energy transfer, sun, photosynthesis*)
- How do an animal's **teeth** give us clues about what they eat? (*canine, sharp, molar, incisor, cut, tear, chew*)
- Can you name the different **teeth** we have, their structure and what they do? (*incisors, molars, canines, root, gum, crown*)
- Why is **good dental hygiene** important?
- Can you name the **organs** that help us **digest** our food and say what their **function** is? (*teeth, tongue, oesophagus, stomach, acid, small intestine, large intestine, pancreas, rectum, anus, chew, digest, break down, absorb, waste products*)
- What is **diabetes** and how does it affect someone's life? (*diabetes, diabetic, insulin, diet, carbohydrates, sugars, starch, fats, obesity*)

### Computing: Animating with Clapmotion

- How do **animations** work?
- What **types of animation** are there?
- What do you need to make a **stop motion animation**?
- What is the purpose of an '**onion skin**' when animating?
- How do **you insert more frames** on **Clapmotion**?

### Art:

- Who is **Clarice Cliff**? (An English artist who is well-known for the Art Deco pottery)
- What is special about her **story**? How did her work become **recognised**?
- How were her **designs** unique? (bright colors, modern shapes, shiny and glass-like)
- Can you create your own **pottery design** from one of **ceramics styles** you have learnt about?

### French: Le Corps (parts of the body)

#### Talking about myself and other people

- Which parts of the body can you name? (*la tête, la bouche, les yeux, le nez, les oreilles, les jambes, les bras*)
- How would you describe these body parts? (*la tête jaune, les yeux verts, les bras bleus*)
- How would you describe the features on this monster? (*il a/elle a trois bras verts et une bouche rouge*)
- Can you talk about what objects/pets that you/he/she might have? (*J'ai une guitare/il a une tortue/elle a une trompette*)

### DT: Fabric

- What are the strengths and weaknesses for your bag?
- What have you added to your bag that the user will use?
- What kind of stitch/sewing pattern did you use to join your fabric?

### RE: Christianity, Judaism, Buddhism & Humanism (continuation)

- What are the Ten Commandments and how might they affect the way a Jewish person lives their life?
- Explain the similarities and differences between the Beatitudes and the Ten Commandments?
- How do Humanists decide what is right and wrong?
- Explain how religious teachings affect people's actions.