



Kingsley CP Curriculum organiser

Team Pine (Year 2/3)

Autumn 1

Science:

In Science, our topic is: Animals including humans. We will be introduced to the basic needs of animals for survival, as well as the importance of exercise and nutrition for humans. We will also be introduced to the processes of reproduction and growth in animals. We will also be introduced to the main body parts associated with the skeleton and muscles, finding out how different parts of the body have special functions.

Key knowledge:

- Notice that animals, including humans, have offspring which grow into adults
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).
- Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Key vocabulary:

humans, air, adults, offspring, exercise, needs, food, hygiene, survival, water, forage, hunt, healthy, herbivore, omnivore, carnivore, growth.

nutrition, skeletons, muscles, support, protection, adapted, circulate, suitable, protein, carbohydrate, fat, fibre, repair, minerals, vitamins.

Art

In Art, we will be developing our drawing skills using pen. We will be following the 5 step process (cold task, research, experimentation, development, final piece) to create a pen drawing of a rocket.

Key knowledge:

- Have a greater understanding of LINE and SHAPE, continuing to refine and control marks made.
- Develop an understanding of proportions and positioning.
- Continue to expand upon PATTERNS. Such patterns will include hatching, cross-hatching, scumbling and also stippling. Explore how spacing of lines can impact how light or dark the shading appears/
- Continue to use a sketchbook to plan, develop and record ideas. Reflect upon own artwork with greater confidence.

Key vocabulary:

pattern, line, cross hatching, hatching, scumbling, stippling, light, dark

Music

In Music, we will be focusing on learning our songs for our Harvest assembly. Also, following our online music program, 'Charanga', we will be exploring how music brings us closer together. We will be exploring songs within this unit which are linked to this theme, one being 'Home is where the heart is'. As well as listening to, singing along to and responding to music, we will be playing along and beginning to make our own compositions.

Key vocabulary:

pulse/ beat, pitch, tempo, rhythm,
improvise, compose.

Key knowledge:

- Copy different rhythms
- Continue a pulse
- Explain what is meant by pitch
- Share opinions and make comments on a piece of music
- Create own rhythms

Geography:

In Geography, we will learn about the United Kingdom and the countries which it is made up of: England, Scotland, Wales and Northern Ireland. We will explore maps and locate the United Kingdom on a world map, and also locate each country on a map of the United Kingdom. We will investigate each country, finding what makes each one unique.

Key vocabulary:

United Kingdom, England,
Scotland, Wales, Northern Ireland,
map, human features, physical
features, map, globe, atlas

Key knowledge:

- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas
- Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom
- Use world maps, atlases and globes to identify the United Kingdom and its countries

Religious Education

In Religious Education, we will be learning about Judaism. We are going to focus our learning on the question 'What do Jews believe about God?'. We will be looking at some of the teachings within the Torah and where Jews worship amongst many other interesting aspects of Judaism.

Key knowledge:

- Identify some different artefacts and symbols of Judaism and recognise some of these in the Synagogue.
- Retell and suggest meanings to some Jewish stories.
- Ask and respond to questions about what communities do, and why.

Key vocabulary

Judaism, Jew, Torah, Hebrew, Synagogue, Shabbat, Hanukkah, Yad, Moses, God, Ten Commandments

Computing

In Computing, we will develop our understanding of what information technology (IT) is and will begin to identify examples. We will discuss where they have seen IT in school and beyond, in settings such as shops, hospitals, and libraries. We will then investigate how IT improves our world, and we will learn about the importance of using IT responsibly.

Key knowledge:

- I can describe some uses of computers
- I can identify that a computer is a part of IT
- I can sort school IT by what it's used for
- I can identify that some IT can be used in more than one way
- I can recognise common types of technology
- I can demonstrate how IT devices work together
- I can say why we use IT
- I can talk about different rules for using IT

Key vocabulary

computers, PCs, laptops, tablets, desktops, scanners, barcode scanners, printers, smart speakers, safety, responsibility

Physical Education

In Physical Education, we will be working on 2 areas this half term. We will be working on our body management for our indoor session and developing our object control in our outdoor session. In body management, we will be looking at balancing with different parts of our bodies. In object control, we will be focusing on throwing, rolling and controlling different balls with different equipment.

Key vocabulary

control, balance, perseverance,
hand-eye/ foot-eye coordination,
heartrate

Key knowledge:

- Copy and remember actions.
- Repeat and explore actions with control and coordination.
- Show how to exercise safely.
- Describe how my body feels during different activities.
- Explain what my body needs to keep healthy