

### Science: Animals including humans

1. Animal babies. To notice that animals, including humans, have offspring which grow into adult, by describing the changes to animals as they grow. To identify and classify, by matching animals and animal babies.
2. Growing and changing. To notice that animals, including humans, have offspring which grow into adult, by learning about how humans grown and change. To perform simple test, by testing if children get faster as they get older.
3. Basic needs. To find out and describe the basic needs of animals, including humans for survival (water, food, air), by identifying the ways that different animals meet their basic needs. To ask simple questions and recognise that they can be answered in different ways by generating questions about a pet and researching answers.
4. Healthy eating. To describe the importance for humans of eating the right amounts of different types of food, by exploring food groups. To use their observations and ideas to suggest answers to questions, by suggesting improvement to their diet and designing their own healthy meals.
5. Exercise. To describe the importance for humans of exercise, by finding out why humans need to exercise. To gather and record data to help in answering questions by recording the ways that exercise affects the body.
6. Hygiene. To describe the importance for humans of hygiene, by learning about good hygiene habits. To observe closely using simple equipment by using hand lenses to observe their hands and drawing what they see.

### Geography: Why don't penguins need to fly?

- \* Where Is Home, Little Pip by K.Wilson & J.Chapman. Discover the features and locations of penguin habitat the 'white continent' Antarctica. Using maps and globes.
- \* Don't Be Afraid, Little Pip & What's in the Egg, Little Pip? by K.Wilson & J.Chapman. How are penguins able to survive in Antarctica? Penguins adaptations for swimming and cold - they don't fly. Differences between animals and plants.
- \* How does Antarctica compare with the Sahara Desert? Discuss how the environment of the Sahara Desert compares with Antarctica? How are camels adapted to survive in such an extremely hot and dry habitat?
- \* How is the Arctic different from the Antarctic? (Under the snow and ice in Antarctica and the South Pole is land, not ocean).
- \* Why are there no Polar Bears in Antarctica? Consider adaptations and food chains. Consider extreme and suitable conditions. Consider the distance from Greenland/N.Canada to Antarctica south through N.&S.America and 800km of Ocean.
- \* The Adventures of Marco and Polo by D.Wiesmüller. Contrast hot and cold areas of the world and adaptation. Compare Zambia (Africa) and the Arctic and the adaptations of different animals. Emphasise the difference between continent (large continuous areas of land on Earth) and country (there are 54 in Africa), and explore waterfalls to understand the Victoria Falls.
- \* So why don't penguins need to fly?

## Autumn 1

2020-21

## Year 2

### Computing: E-Safety & communication/Data

Learn about log ins and passwords and respecting them. Agree class rules for e-safety and how we would follow them at home. Begin to understand what we mean by personal data and how to keep it safe. Reflect on how home learning used IT and how we can safely communicate with known others.

### PSHE: Being me in my world

Settling in and creating class rules and rewards. Relationships and Jigsaw Jo. Vote in representatives. Understand some ways you are part of a community, including community rules and values.

- \* Listen and take turns to speak.
- \* Use kind and positive words.
- \* Respect what others say.

### DT: free standing structures

Spaghetti bridge dyson challenge. Develop assembling and joining techniques. Use these knowledge and skills to design a piece of park play equipment.

### Music appreciation: South African music.

*Hands, Feet, Heart, Joanna Mangona. The Click Song, Miriam Makeba. The Lion Sleeps Tonight, Soweto Gospel Choir. Bring Him Back, Hugh Masekela. You Can Call Me Al, Paul Simon. Hlokolozo, Arthur Mofokate.*

Awareness of beat, melody.

Listening and responding to music: key sounds in music and notice the rptd chorus.

Notation: draw a picture of a piece of music.

### Art: Self Portraits (Van Gogh)

Looking at Van Gogh history & works: landscape/portraits, preferences, colour/feeling. Sketch & then paint self-portrait with focus on 'dabbing' and colour.

### RE: Christianity. Jesus taught kindness.

Can we be kind to everyone all the time? Hear & retell Bible stories that show kindness. Explore how this makes Christians behave towards other people.

The Good Samaritan (Luke 10)

<https://www.bbc.co.uk/bitesize/clips/z934wmn>

<https://www.bbc.co.uk/bitesize/clips/zdkq6sg>

The Paralysed Man (Mark 2)

<https://www.bbc.co.uk/bitesize/clips/zvfpr82>

### English:

Sense poetry: Foods.

Journey story: Lost and Found.

Instructions: recipes.

### Maths:

Numbers to 100, addition and subtraction.

### PE: Throwing and catching & Golden Mile

Choose which equipment is better for throwing & aiming in a game. Notice that direction of gaze & hands effect throw accuracy (control, repeat, accuracy). Notice that focus & position effect catching (two hands). Identify games that use > play > create own games.