

# Year 4 Summer 1 - HABITATS

## Summer 1 Topic:

### Technological and Scientific Understanding:

#### **Suggested Activities:**

- Visits to habitats in the locality, eg the Canal, park, Soane Centre, ponds
- Data collection, eg insect counts and identification of animals

*M14 to investigate the physical characteristics of the local environment and the living things in it, comparing them with those from another locality*

I can collect data about habitats and analyse it to identify patterns.
I can suggest how ideas might be tested.
I can decide what observations and measurements will be needed.
I can make careful and detailed observations of living things.
I can make a simple key to identify a living thing or object.
I can explain why it is important to classify living things into groups.
I can recognise how environments change and sometimes pose dangers to living things.
I can suggest how we can improve a habitat.
I can recognise a flowering plant and name some examples.

### Geography – The Environment

*M4 – to consider issues affecting communities, and reflect on the impact of people’s actions on others and the environment*

*M9 – how different ways in which people live around the world sometimes have consequences for the environment and the lives of others*

I know some of the threats to the environment, particularly to habitats
I know some ways I can help the environment
I know ways I can improve my local environment
I can find ways to persuade others to look after the environment
I can use field work to observe, measure, record and present the human physical features of the local area
I can sketch maps, plans and graphs

## DT

### Suggested Activities:

- Create a habitat box which includes levers and sliders

*M2 – to use their knowledge and research to inform designs for functional products and plans for investigations*

*M4 – to offer simple explanations of their findings*

*M5 – to evaluate their skills, findings and outcomes using given criteria*

*M6 – to apply knowledge, skills and understanding when designing and making products using construction materials, textiles and ingredients*

*M7 – to use a variety of methods to explore design alternatives and to test fitness for purpose of materials, components and techniques*

I can do research (e.g. using the internet) to inform designs for products (e.g. a habitat box).
--

I can produce a realistic and useful design for a product (e.g habitat box).
--

I can test materials and techniques and decide which ones to use.
---

I can select materials and techniques (e.g. using levers) to make a product.
--

I can use a variety of techniques to join materials.
--

I can explain/present/write a simple conclusion to answer the investigated question.
--

I can evaluate my own performance sensibly. (e.g. What was most successful? What would I do differently in future?)
---

### **Computing – We are Meteorologists**

#### Suggested Activities:

- Measure weather conditions, eg temperature and rainfall, using ICT equipment
- Use a spreadsheet to record data
- Create graphs and charts from data
- Film a weather report using Green screen.

*M3 to capture, record and analyse data using a range of equipment, including sensors*

*M5 – to evaluate their skills, findings and outcomes using given criteria*

I can use ICT equipment safely to measure weather conditions
--

I can enter data onto a spreadsheet to record the weather
---

I can create charts and graphs to display my data
---

I understand the importance of seeking permission before filming other children (e-safety)
--

# Y4 Summer 1 - DISCRETE

## Understanding physical development, health and well-being

### DISCRETE

#### PE – Net and Wall Games

*M10: To follow and apply more complex rules in a range of competitive and cooperative games and physical activities*

I can hold a badminton racket in forehand and backhand
I can hit a shuttlecock in forehand and backhand
I know how to do an underarm serve
I can hold a rally with a partner
I know the rules of badminton and how to score

#### PE – Athletics

*M10: To follow and apply more complex rules in a range of competitive and cooperative games and physical activities*

<i>I can refine my technique, listen to feedback and improve the following:</i>
My short distance running speed
My long distance running
The distance I can throw an object (ball, beanbag, javelin)
The distance I can jump

#### RE – Places of worship

I can name the places of worship for the six major religions
I can identify key features of places of worship
I can identify appropriate ways that people behave in a place of worship