

# Let's Explore... Spring

## Science

As Scientists, we will...

### Seasonal Changes

- Observe changes across the four seasons
  - Observe and describe weather associated with the seasons and how day length varies

### Plants

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- Identify and describe the basic structure of a variety of common flowering plants, including trees

What we should already know...

- Look closely at similarities, differences, patterns and change



### Vocabulary

#### Seasonal Changes

season, autumn, winter, spring, summer, weather, rain, snow, fog, sun, cloud, wind, hail, thunder, lightning, dark, light, day, night, long, short, hot, cold, orbit, energy, freezing, melting, reflection

#### Plants

plant, tree, wild, garden, deciduous, evergreen, leaf, stem, flower, roots, component, energy, growth, structure, trunk

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## Computing

What we should already know...

Understanding the World - Technology (Early Learning Goal)

- Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.
- Uses ICT hardware to interact with age-appropriate computer software.

As Programmers, we will...

### Bee-Bot

- Understand that an algorithm is a set of instructions given to a computer in order.
- Carry out a sequence with a single command, including forwards, backwards and turn.
- Programme the Bee-Bot to get from one point to another along a specific route.
- Make sensible predictions about where a Bee-Bot may stop from a simple set of instructions.

### Vocabulary

Algorithm, sequence, single command, forwards, backwards, turn, left, right, route, Bee-Bot, instructions, predictions.



# Let's Explore... Spring

## Application of knowledge outcome

We will use our scientific knowledge about Spring to design and create a Spring-themed Beebot mat.

We will challenge our peers to programme the Beebots to find different points on our mats.

## School Drivers

### Be Creative

We will create our own Bee-bot mats based on our science learning about Spring.

### Be World-Wise

We will learn about the different seasons and weather.

### Be Resilient

We will problem solve and find solutions when programming the Beebots