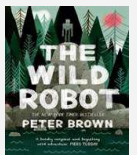


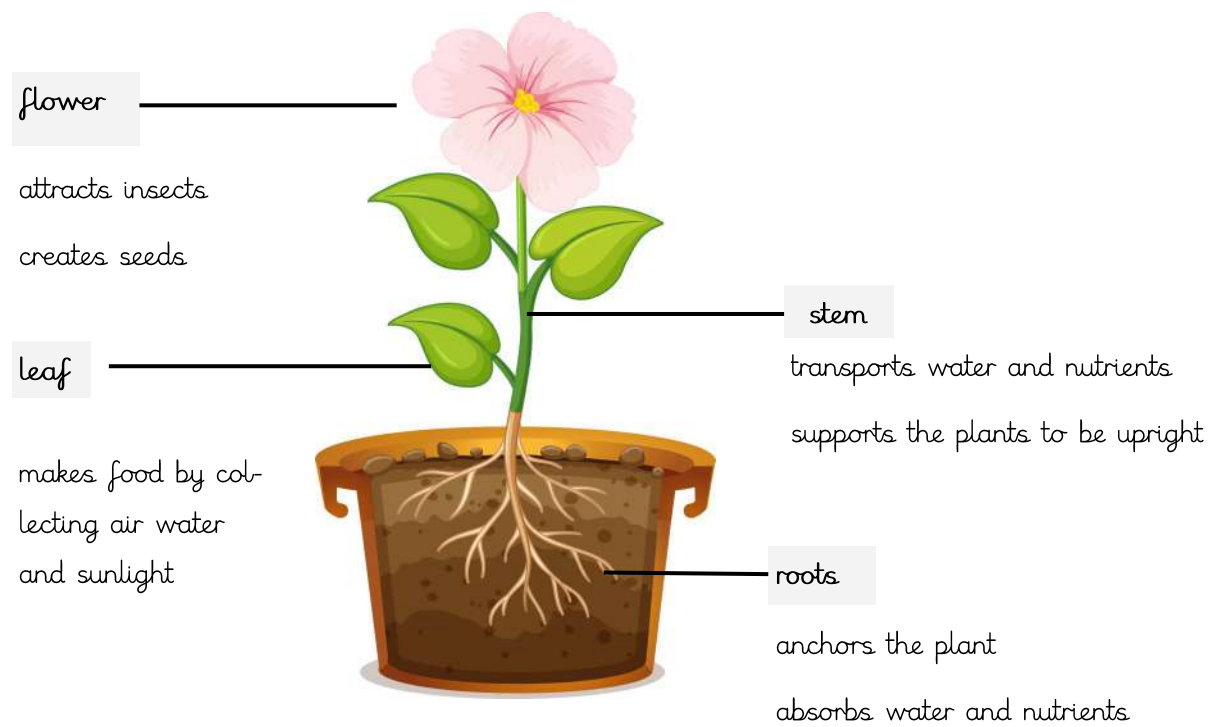


Year 3 Bilborough in Bloom!

What can we do to make our local, natural area flourish?



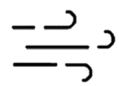
The functions of the different parts of a plant:



The requirements for plants to life and grow:



light



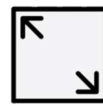
air



water



nutrients



room

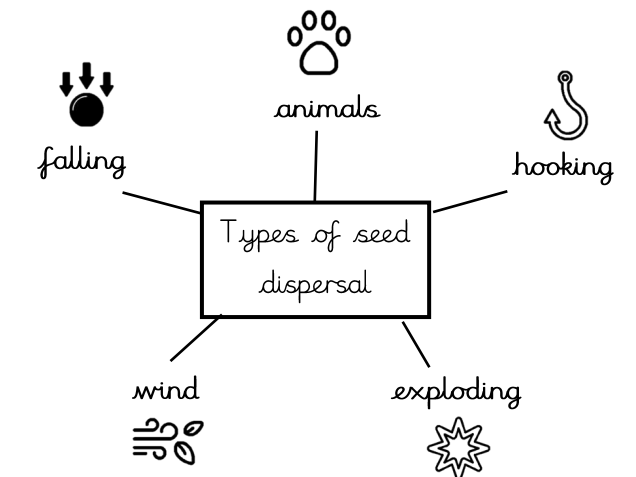
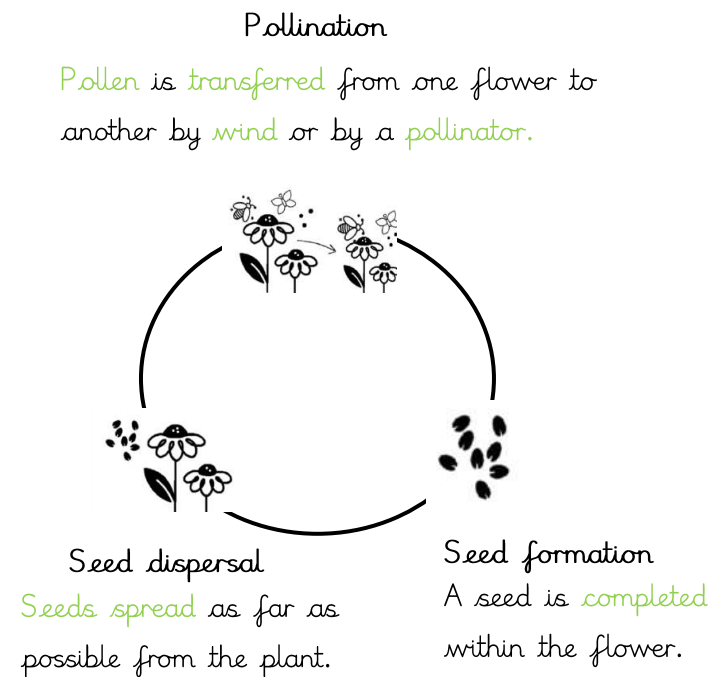


Different plants have specific requirements:

	 cacti	 succulents	 ferns	 ivy
Light	high	medium	low	medium
water	low	low	high	medium
Space	high	high	medium	high
best soil type	sandy	sandy	peaty	loamy

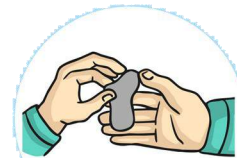


The life cycle of flowering plants:



Clay sculpting:

We will use a variety of techniques to create a clay sculpture. We will...



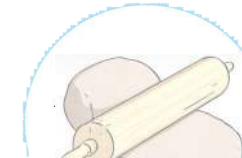
Create forms by pinching and pulling.



Add details by carving.



Remove unwanted clay using the subtraction technique.



Use a rolling pin and water.



We will compare different artists:



Georges Seurat
A Sunday on La Grande Jatte (1884)



Paul Signac
The pine tree at Saint Tropez (1909)



Georgia O'Keeffe
Jimson Weed, White Flower No.1 (1932)



They represent outdoor spaces and nature by using different techniques and styles.

The books we'll use to support our "Bilborough in bloom" topic:

The Wild Robot by Peter Brown

When robot Roz opens her eyes for the first time, she discovers that she is alone on a remote, wild island. She has no idea how she got there or what her purpose is, but she knows she needs to survive.

Bee & Me by Alison Jay

A bee flies in through the window of a high-rise flat, and a little girl becomes frightened. She traps the bee and then wonders what to do. This beautiful wordless picture book traces the growing friendship between the girl and the bee. Highlighting the plight of the disappearing bumblebee, it shows how some simple actions can help restore beauty and balance to our environment.



Key vocabulary:



dispersal

to spread out



formation

to create or shape something.



pollinator

an animal that moves pollen from one flower to another.



data

information or facts we collect.



printing

Images being transferred from one material to



control

to keep things in order.



routines

things that we do in the same way.



ritual

a series of actions completed in an order.

The questions and out-



Week 1

Do all plants have the same needs?

To complete a fair test exploring the conditions plants need to grow.



Week 3

What does a bee do?

To write a narrative retelling the story of Bee and Me.



Week 5

How can we use printing to create a flower landscape?

To produce a floral landscape in the style of Georgia O'Keeffe.



Week 7

What makes each plant unique?

To write an acrostic poem showing the qualities of different plants.



Week 2

What is a plant life cycle?

To create a detailed diagram of a plant.



Week 4

How green is Portland?

To sketch a map of Portland to show high and low pollination areas.



Week 6

How can we make Portland greener?

To write a letter to Mr Rodgers about how we can make Portland greener.



Week 8

How can we use clay to create a sculpture?

To create a sculpture of an object from nature.

Key skills we'll be building on...



In RE, we will continue learning about the Hindu religion, and we will explore what deities tell Hindus about God.



In computing, we'll be looking at sorting and arranging data and information by using Popplet to create a branching database.



In art, we'll compare different styles of art and share our opinions on how different art pieces make us feel. We'll draw comparisons with other art styles that we have learnt about before.



In our PSHE (SCARF) lessons, we'll explore ways that we can look after ourselves. We'll look at hygiene and reflect on our current routines. We'll also take time to reflect on our achievements and look to the future.



In life skills, we'll prepare ourselves for summer by rehearsing and practicing our road safety skills. Each week, we'll learn about the risks and make suggestions about how to keep ourselves and others safe near roads.



In Spanish, we're learning how to talk about our favourite activities. We'll use this to create short sentences and hold conversations with our peers.

Why not try this at home?



Survey how many butterflies and bees you see. Keep a journal of which pollinators you see in your garden.



Create your own wildflower garden. Add wildflower seeds to a pot in your garden and watch them grow and attract wildlife.



Save the bees! Create a poster to give to a friend telling them how to protect and encourage more bees.