


# KNOWLEDGE ORGANISER –Hedgehog Class Autumn Term 2019

<p><b>English</b></p> <p>Fronted Adverbials Explanation Texts Diary Writing</p> <p>Answering questions using non-fiction texts and internet research</p> <p>Fact files about Animals and plants</p> <p>Story Writing</p>	<p><b>Computing</b></p> <p>Creating a Hybrid animal Creating a multimedia presentation Researching the internet</p>	<p><b>History and Geography</b></p> <p>Evolution of animals History of farming Fossils Who was Darwin? How can we protect the environment? Global Warming</p>
<p><b>Maths</b></p> <p>Inspirational Maths Place Value Measurement Fractions Geometry Addition and subtraction Multiplication and division</p>	<p>Plants and Animals, including Humans</p>  <p>Autumn Term Hedgehog Class</p>	<p><b>Art and D.T.</b></p> <p>Van Gough Sun Flowers Creating a miniature garden in a show box Dioramas of a habitat Observational drawing of a plant</p>
<p><b>Enrichment</b></p> <p>Visit to a Working Farm      planting food</p>	<p><b>R.E.</b></p> <p>What is Buddhism? What is meditation? How does Buddhism link to the environment?</p>	<p><b>Science</b></p> <p>Identifying habitats and why organisms live in different habitats Classifying plants and animals Using classification keys Explore human impact on habitats and environment</p>

## Key words I need to know:



### Animals and Plants, including Humans Word Wall

<u>Animals</u>	<u>Plants</u>	<u>Humans</u>
Vertebrates	Seed	Farming
Invertebrates	Dispersal	Food Miles
Mammals	Stem	Harvest
Reptiles	Photosynthesis	Nutrition
Omnivores	Pollination	Deforestation
Carnivores	Nutrients	Growing
Environment	Oxygen	Organs
Hybrid	Soil	Body
Evolution	Bulb	Male
Adapted	Flowering	Female
Predator	Non-Flowering	Population
Food Webb	Water	Pollution
Prey	Reproduction	Global Warming

# Facts I will be learning about:

**English** – exploring non-fiction texts, fact files and using the internet for research.

**Maths** – place value, addition, subtraction in 1000s and multiplication and division into 100s.

**Geography & History** – farming through time, evolution and Charles Darwin, protecting our environment.

**Science** – classifying and sorting plants and animals, habitats, the human impact on habitats and the environment.

**RE** – Who are Buddhists? What do they believe and how do they practice their religion?

## Home Learning Activities:

To help me prepare for my learning, at home I might:

### English

- Make a page of a travel brochure advertising a new Eco logical Zone or Habitat.
- Choose an interesting plant or animals and create a fact file.
- Write a story about an explorer who visits an unexplored part of the world. What animals and plants will they discover?
- Plant a seed and write a diary explaining what happens each day.
- Design a poster explain how pollination works.

### Geography

- Find out about deforestation
- Create a poster explaining what deforestation does to wildlife.
- Conduct a wildlife survey in your back garden.
- Find out about local charities in your area which protect plants and wildlife.
- Create a poster explaining about the different habitats around the world
- Find out about Food Miles and how they affect the environment

### Computing

- Find out some facts about plants and animals on the internet

#### Animals and plants Including Humans



### Homework

#### R.E.

- Find out about Buddhism and create a fact file.

### Maths

- Learn the facts 2x 3x 4x 5x 9x 10x table out of order
- Mixed addition of coins of different values and practise giving change
- Addition and subtraction of 2 and 3 digit numbers
- Learn to tell the time to 5 minute intervals in analogue and digital

#### Art and D.T.

- Make a diorama of a habitat
- Draw your favourite flower
- Design Hybrid animal

### Science

- Go on a mini-beast hunt and photograph or record what you find and where
- Make a poster or guidebook on locally found plants
- Make a poster or newspaper report on the impact of humans on the environment