

Enquiry Question: **Do the oldest children have the longest feet?**

## What do we know?

Whole class: Recall previous key facts from mind map

- ✓ Find parts of the body by singing head shoulders, knees and toes
- ✓ Brush your teeth for 2 minutes every day
- ✓ Know about being healthy and safe

1. Name, identify, draw & label parts of the human body.

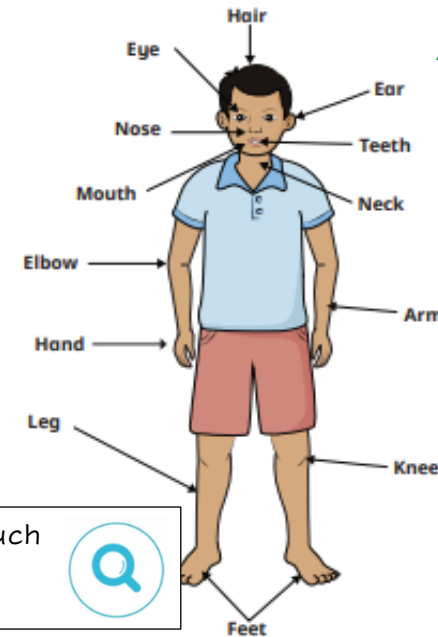
2. Sight

3. Sound

4. Taste

5. Touch

6. Smell



## Vocabulary

Biology  
Human Body  
Smell  
Taste  
Sight  
Sound  
Touch

## Big Idea

Biology:  
Animals including Humans



## Forever Facts

- ★ **Know that** there are different parts of the body used for different purposes.
- ★ **Know why** we use our eyes to see, our nose to smell, our ears to hear, our mouth to taste and our skin to touch.
- ★ **Know how** to pattern seek to see whether older children have longer feet.

## Where will it go?



### Showcase

So... **Do the oldest children have the longest feet?**

Present & recall investigation & mind map





**Enquiry Question:** Which material would be the best for a pair of curtains?

## What do we know?

- ✓ We know that when water freezes, it turns to ice and when ice melts, it turns to water.
- ✓ We know that objects can float or sink.



1. Explore materials – wood, plastic, glass, metal & rocks.



2. Objects and materials



3. Melt and freeze



4. Float or sink?



5. Does it absorb water?

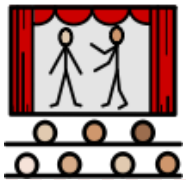


6. Investigate/ experiment materials for curtains



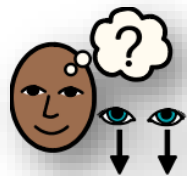
## Vocabulary

chemistry  
 material  
 object  
 absorb  
 transparent  
 opaque  
 soft  
 hard  
 shiny  
 dull  
 heavy  
 light



## Big Idea

Chemistry & Working Scientifically



## Forever Facts



**Know that** there are natural materials like wood, water and rock and manmade materials like plastic, glass and metal.



**Know why** we have objects that are transparent (see through) and some are opaque (not see through).



**Know how** to identify and classify different materials. **(Working Scientifically- Skill)**

## Where will it go?



### Showcase

So... Which material would be the best for a pair of curtains?

Present & recall  
 investigation & mind map



**Enquiry Question:** What are the main changes in each season & **how do plants change?**

## What do we know?

- ✓ We know that there are four seasons.
- ✓ We know that weather changes during the seasons.



### Big Idea

Biology, physics and Sustainability



- Forever Facts**
- ★ Know that there four seasons and their order.
  - ★ Know why plants grow in different seasons.
  - ★ Know how to observe changes in seasons and plants.



### Autumn 1 Seasonal Changes 1

- Changes in Autumn
- Collect & record Data



### Autumn 2 Seasonal Changes 2

- Changes in Winter
- Gather & record Data



### Spring 1

#### Planting A

- Winter



### Spring 2

#### Seasonal Changes 3

- Changes in Spring
- Collect & record Data (Link to Geog)



#### Planting B

- Observe changes
- Spring



### Summer 1

#### Planting C

- Observe changes
- Summer



### Summer 2

#### Seasonal Changes 4

- Changes in Spring
- Collect & record Data
- What are the main changes in each season?



## Vocabulary

Biology  
Physics  
Seasons  
Weather  
Soil  
Seed  
Plant  
Leaves  
Temperature  
Measure

## Where will it go?

### Showcase



So... What are the main changes in each season & how do plants change?

-Present findings and recall information using the schema.  
Link to 'Plants' Showcase in Summer Term.





**Enquiry Question:** Are all animals the same? *How can we care for our planet?*

## What do we know?

- ✓ We know that plastics can cause problems for sea creatures. (R Summer 2)
- ✓ We know why bees make honey. (R Summer 1)



## Big Idea

Biology and Sustainability



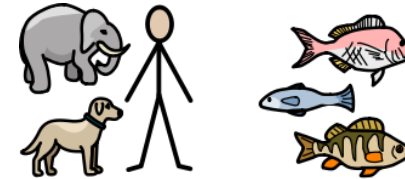
**Know that** animals have different diets.

**Know why** it is important to take care of our planet.

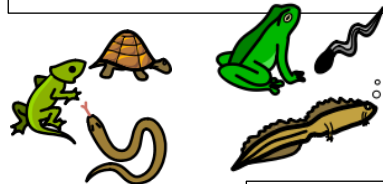
**Know how** to classify different animals and make comparisons.



1. Classification: Mammals, Birds and Fish



2. Classification: Amphibians and Reptiles



3. Compare groups of animals



4. What do different animals eat?



6. Why is it important to care for our planet?

5. What can harm animals on our planet?



7. How can we help our planet?

## Vocabulary

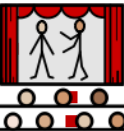
- Animal
- Biology
- Carnivore
- Diet
- Earth
- Harmful
- Herbivore
- Litter
- Mammal
- Omnivore
- Recycle
- Reuse
- Wild

## Where will it go?

### Showcase

So... Are all animals the same and how can we care for our planet?

Present & make a comparison of two animals





**Enquiry Question:** How can we sort plants into different groups?  
**Where does my food come from?**

## What do we know?

- ✓ **We know that** plants grow and include flowers and trees.
- ✓ **We know that** most flowers have petals (this may be as a drawing).



## Big Idea

Biology and Sustainability



1. Plant parts & Tree parts



2. Wild and garden plants



3. Plants in my local area



4. Deciduous & evergreen trees



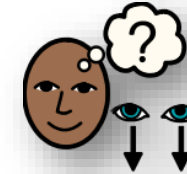
5. Trees in my local area



6. Where does my food come from? (Link to Geog)



7. What have I planted and grown this year?



## Vocabulary

Biology  
 Seed  
 Plant  
 Leaves  
 Wildflower  
 Garden  
 Common  
 Local  
 Deciduous  
 Evergreen

## Forever Facts



**Know that** some trees change colour through the seasons.



**Know why** some plants are wild.



**Know how** to identify the different parts of a plant.

## Where will it go?



### Showcase

**So... How do plants change and how can we sort them into groups?**

- Present findings and recall information using the schema.
- Labelled chalk drawings outside
- Link back to Seasonal Changes/ Planting units taught throughout the year.

