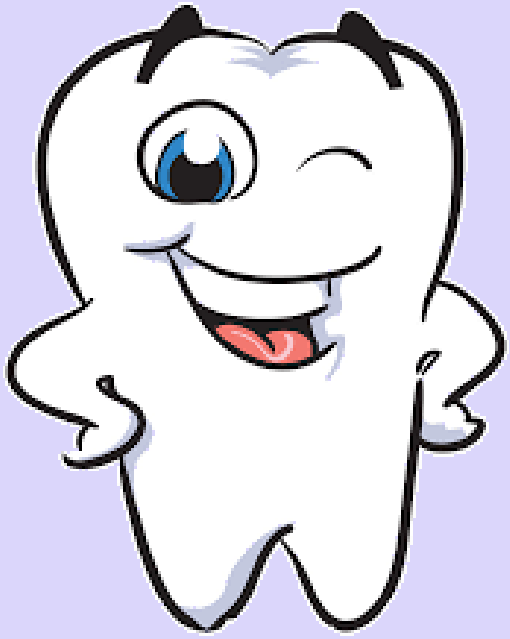
Science

EYFS



Science

EYFS

1. To know how to keep teeth healthy - brushing twice a day, less sugary foods and drinks.

2. To name three features of every season.

3. To know ice melts.

4. To know that what we can see to help us understand what is happening

Vocabulary

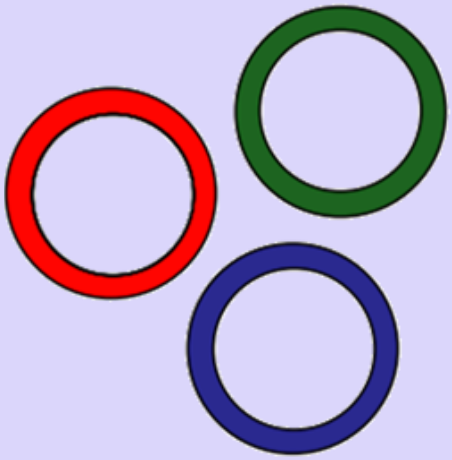
Tier 1	Tier 2	Tier 3
Hot Cold Rain Snow	Spring Autumn Winter Summer	Weather Season Melt

Resources

Seasons song

Science

Year 1



grouping

Science

Year 1

1. To name and identify the stem, leaf, root and flower.

2. To know that carnivores only eat meat, herbivores do not eat meat and omnivores eat both meat and plants.

3. To know the five human senses.

4. To know groups can be made by identifying and classifying.

Vocabulary

Tier 1	Tier 2	Tier 3
Senses Stem Root Group	Carnivore Herbivore Omnivore	Identify Blossom Bud

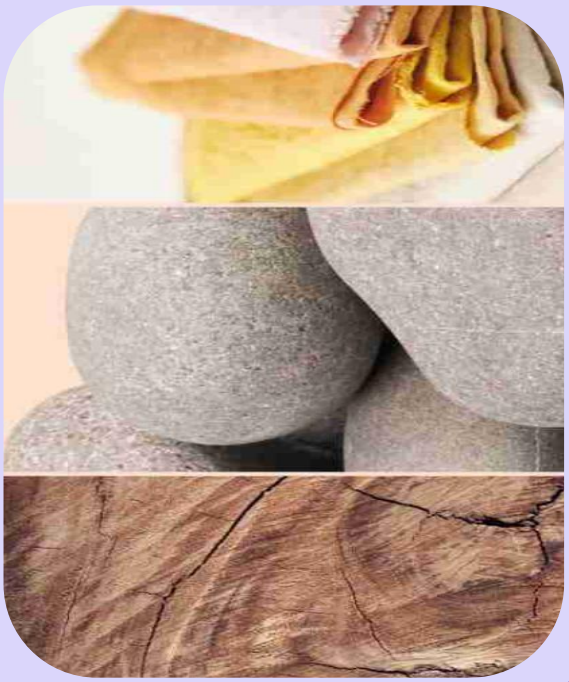
Resources

Herbivore, carnivore, omnivore song

The five senses song

Science

Year 2



Science

Year 2

1. To know that a plant needs sunlight, water, warmth, nutrients, air and space to grow.

2. To know that a property is a quality a material has.

3. To know that habitats provide food, water, air, shelter and space for animals to survive.

4. To know enquiries can be used to gather information to answer simple questions

Vocabulary

Tier 1	Tier 2	Tier 3
Habitat Minibeast Shelter Enquiry	Microhabitat Opaque Transparent	Deciduous Nutrients

Resources

Materials song

Science

Year 3

Fair Testing

Cows Moo Softly

Change 1 thing

Measure or observe

Same for everything else

Science

Year 3

1. To know that the skeleton protects organs, allows movement and supports the body.

2. To know that light always travels in straight lines.

3. To know that a force is a push or pull that makes something move.

4. To know a fair test means everything is kept the same, except the thing being tested.

Vocabulary

Tier 1	Tier 2	Tier 3
Skeleton Support Muscles Fair test	Joint Tendon Ray Light source	Tissue Artificial

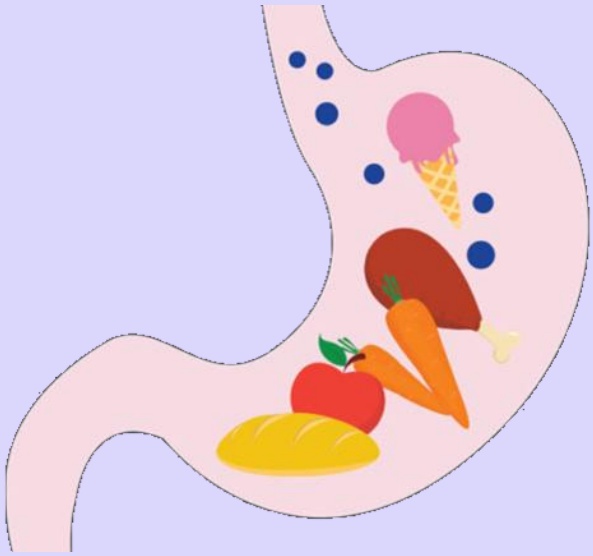
Resources

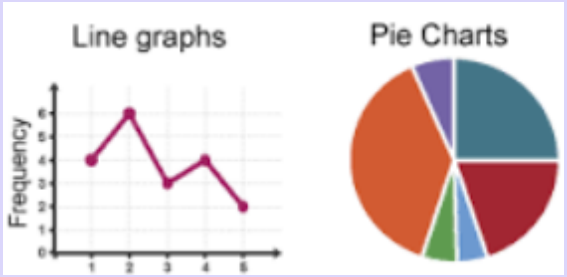
Human bones song

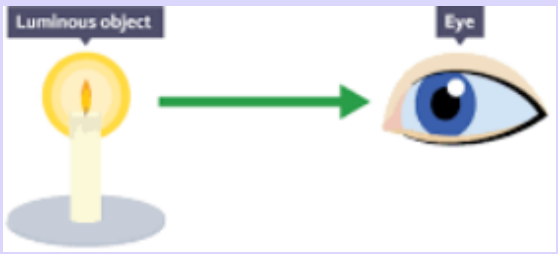
Forces song

Science

Year 4







Science

Year 4

1. Know that the digestive system is how food is digested and that water and nutrients are absorbed by the body.

2. To know solids always take up the same amount of space, liquids take the shape of their container and gases fill the space.

3. To know that an electrical circuit must be complete to work.

4. To know that data can be presented in tables, graphs, labelled diagrams and written explanations.

Vocabulary

Tier 1	Tier 2	Tier 3
Circuit Digest Absorb Data	Component Condensation Evaporation	Oesophagus Decay

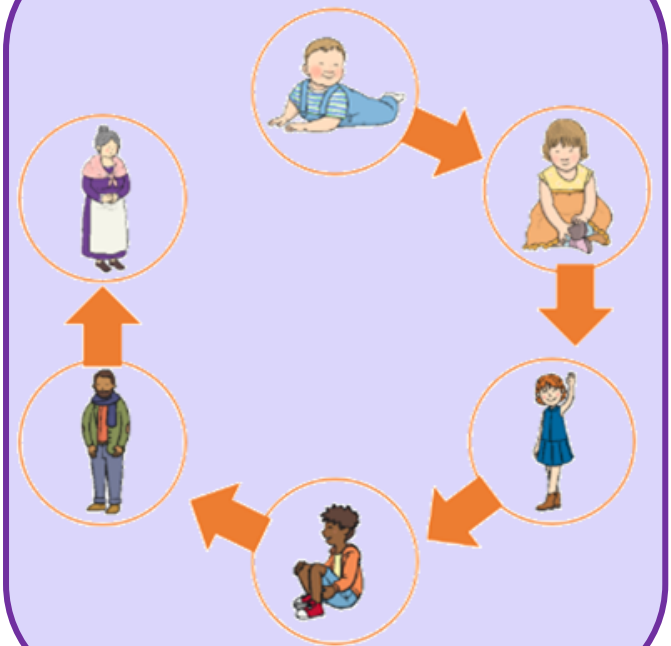
Resources

Digestive system song

Move like a state of matter

Science

Year 5



Science

Year 5

1. To know that gravity holds things to the surface of the Earth.

2. To know that a mixture is two substances that can be separated through sieving, filtering or heating.

3. To know that a life cycle shows the stages of development.

4. To know that the degree of trust is how reliable the results of an enquiry are.

Vocabulary

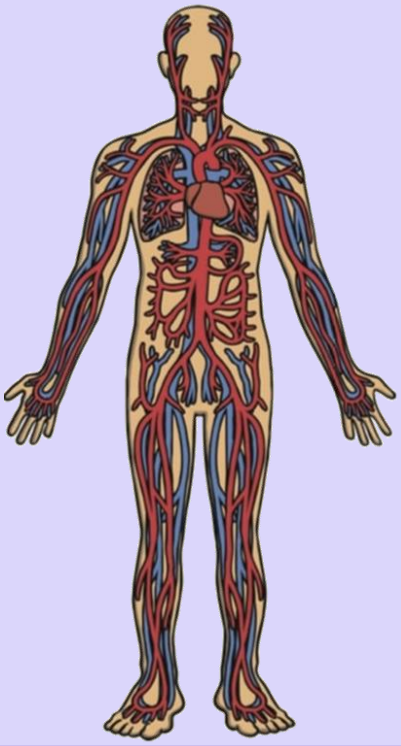
Tier 1	Tier 2	Tier 3
Gravity Mixture Substances Degree of trust	Solute Solution Solvent	Gravitational pull Gestation

Resources

Gravity song

Science

Year 6



Science

Year 6

1. To know that animals which have adapted are more likely to survive.

2. To know the parts of the circulatory system: heart, lungs, veins and arteries.

3. To know the difference between renewable and non-renewable energy.

4. To know that variables can be independent (changed purposefully) or dependent (affected by the change).

Vocabulary

Tier 1	Tier 2	Tier 3
Veins Arteries Renewable Non-renewable	Blood vessels Inheritance Evolution Variable	Oxygenated Deoxygenated

Resources

Charles Darwin (Natural Selection)