

Knowledge Organiser

Understanding the World

Links to Science:

Seasonal Changes

Animals, including humans

Vocabulary

Key knowledge (taught but not limited to)

Nocturnal

Hibernate

Autumn

Family

- Nocturnal animals are animals that come out at night time



- There are environmental changes in Autumn – leaves change colour and fall from the trees, weather gets colder, some animals hibernate



- We all have a life story
- We all have different people in our families



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Understanding the World

Links to Science: *Sound*

Vocabulary

Key knowledge

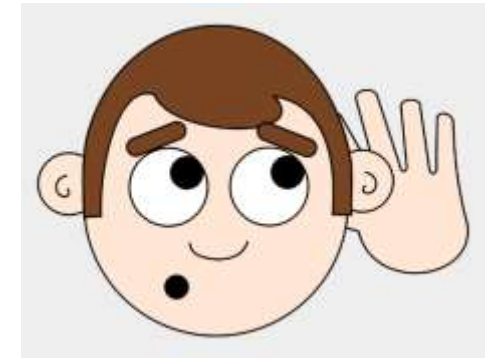
Sound

Loud

Quiet

Vibrate

- There are many different sounds in our environment
- We can make sounds using our voices
- We can make sounds using musical instruments and other objects and talk about them
- We can make quiet and loud sounds and sort them into groups



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Understanding the World

Links to Science:

Forces

Seasonal Changes

Vocabulary

Key knowledge (taught but not limited to)

Push

Pull

Force

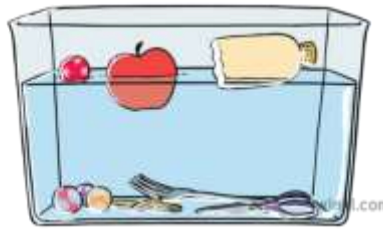
Float

Sink

Hibernation

Spring

- Floating is when an object rests on the surface of the water
- Some things float in water
- Sinking is when an object goes to the bottom of the water
- Some things sink in water



- There are environmental changes that happen in Spring – birds and animals are born, plants and flowers begin to grow, days are longer, animals awake from hibernation



- Objects can be moved by applying a force – push, pull



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Understanding the World

Links to Science:
Seasonal Changes
Materials

Vocabulary

Key knowledge (taught but not limited to)

Winter

Bare

Sun

Light

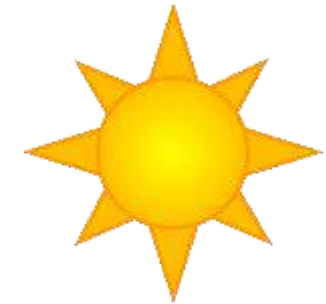
Shadow

Opaque

Transparent

Environment

- Shadows are made when light is blocked from the source of light
- Light can travel through transparent materials
- Light cannot travel through opaque materials
- It is dark at night as there is no sun



- There are environmental changes in Winter – the weather is colder, the trees are bare, the days have less sunlight



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Links to Science:

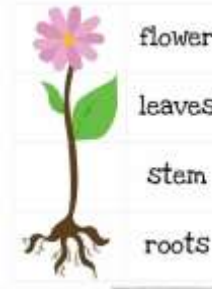
*Plants, Animals including humans
Seasonal Changes*

Vocabulary

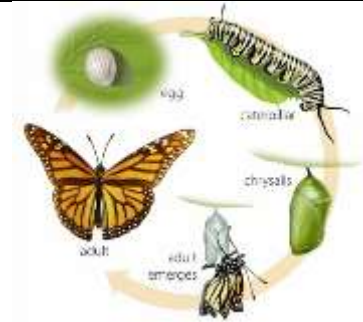
Key knowledge (taught but not limited to)

Summer
Season
Growth
Decay

- Living things grow and die
- Plants have leaves, a stem and roots
- Animals and plants need water, food, warmth and light to stay alive



- The life cycle of a butterfly is in stages - egg, caterpillar, chrysalis, butterfly



Healthy
Life cycle
Chrysalis

- There are environmental changes as we go into Summer – the weather is warmer, flowers grow
- There are 4 seasons in the year - Autumn, Winter, Spring, Summer



- To keep healthy we need to get plenty of sleep - brush our teeth twice a day - have a balanced diet - drink plenty of water - stay active and do lots of exercise



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Links to Science:

Everyday materials

Seasonal Changes

Animals including humans

Vocabulary

Key knowledge (taught but not limited to)

Environment

- There are environmental changes in Summer – the weather gets warmer, flowers and plants grow, days are longer



Global warming

Ice

Glacier

Melt

Water

Habitat

Summer

- There are environmental changes that are happening due to global warming – the world is getting warmer, ice and glaciers are melting, animal habitats are being destroyed
- We can help to look after our planet by reducing, re-using, recycling and not littering



- Animals live in different habitats around the world including hot and cold places



- Ice melts when it is warmed up

