



St Cuthbert's Learning Organiser: Science

Early Years Foundation Stage 2024-2025

K Turnbull



Core Texts

Leaf Man
Guess How Much I Love You in the Autumn

Cross Curricular Links

Early Literacy & Mathematics Skills: subitising, counting natural materials, pattern, reading and spotting print in the environment and using books to find out information.

Computing: Using search engines to find out information and using Google Earth to plan a local walk and look up weather forecasts.

Geography: Observing environmental and seasonal changes in local area.

Cultural Capital

Autumn Walk in local area including local playpark.

Vocabulary

Weather / Season / Autumn / Winter / Spring / Summer

Water / Rain / Liquid / Drop(let) / Vapour / Puddle

Wet / Dry / Damp / Moist / Soak

Waterproof / Water Resistant / Absorb / Repel

Ice / Frozen / Solid / Melt / Thaw / Icy / Frosty / Slippery / Icicle / Transparent / Fragile / Delicate

Sun / Shade / Dull / Shadow / Light / Dark / Hot / Cold / Warm / Cool / Temperature

Sky / Air / Atmosphere / Cloud

Windy / Breezy / Gust

Leaves / Change / Crunchy / Crisp / Soggy / Float / Fall / Tree / Evergreen / Deciduous /

Conker / Conker Husk / Spikey / Prickly / Sharp / Rough / Smooth / Shiny / Hard / Soft / Pine Cone / Beach Nut / Helicopter Seeds / Acorn

Cross Curricular Links

Science: Our bodies, Life cycles, plants, growing and changing

Cultural Capital

Chain Bridge Project/Berwick Museum to deliver Botanist and life cycle sessions in school.

Vocabulary

Family / Baby / Toddler / Child / Teenager / Adult / Elderly

Child / Mother / Father / Grandparent / Auntie / Uncle / Cousin

Young / Old / Tall / Short / Big / Small / plump / Wrinkles / grey / bald / Thin

Grow / Develop / Change / Human

(Body Parts)

Seed / Seedling / sprout / germinate / shoot / stem / leaf / petal / sapling

Frogspawn / tadpole / froglet / frog

Egg / caterpillar / chrysalis / Butterfly

Vocabulary

Same / Similar / Different / Environment

Change / Predict / reversible / irreversible

The World / Country / Continent / Desert / Arctic / Antarctica / North Pole / South Pole / Equator / Africa / Language

Warm / Hot / Dry / Humid / Crumbly / Sandy / Dusty

Pyramid / Sun baked mud bricks / Igloo / Round House / Thatched / Hut

Cold / Freezing / Frozen / Ice / Ice Bergs / melting

What is a Season?

End Points

Nursery

- They notice the weather.
- They say what they like/dislike about the weather.
- They can name at least 1 season.
- They can tell us a feature of a season.
- They know that not all Seasons are the same.

Reception

- They can talk about different weathers and what they are like.
- They notice changes in the weather.
- They can say how the weather is good for living things.
- They know there are 4 seasons and can name them.
- They can talk about the features of each season.
- They know similarities and differences in seasons and weather.

Growing and Changing

End Points

Nursery

- Recognise and sort young and old
- Talk about what they were like as a baby.
- Talk about what they are like today.
- Know that things change over time.
- Name main parts of the human body.
- Name parts of a plant.
- Say what they notice/observe.

Reception

- Order up to 5 pictures of growth in chronological order.
- Talk about things that have changed since they were a baby.
- Describe similarities and differences from young and old.
- Describe their observations and findings.
- Draw and name parts of the human body and talk about their purpose.
- Draw and name parts of a plant and describe the growing process from seed to flower.

Hot and Cold

End Points

Nursery

- Sort and categorise representations of hot and cold.
- Knows how hot and cold can effect water.
- Notices when something changes.

Reception

- Knows how temperatures can change.
- Can explain what happens when water gets too hot or too cold.
- Can explain differences between hot and cold climates.

