

Newlaithes Nursery and Infant School Medium Term Planning

Year Group: 1

Term: Sum 1

Subject: Science

Learning/ Skill: Plants

Resources Planting equipment

Wild flower seeds, magnifying glasses

Subject Specific Vocabulary

Wild plants-

It grows by itself.

It is not planted by anyone.

It is not cared for by people. If it grows somewhere unwanted then its called a weed.

Common garden plants-

People buy plants/seeds and grow these.

They are cared for.

Sometimes plants are grown to eat.

Plants that you can eat can be grown in a herb garden, raised bed or veg patch.

Plant – a living thing that uses sunlight to make food.

Tree has a main trunk and many branches.

Trunk – is the main stem of the tree.

Stem – the main part of the plant that grows up from the ground.

Branches- woody part of a tree that grows from the trunk.

Blossom – the flower of a tree.

Crown – top part of the tree including the branches and leaves

Flowers- the part of the plant that has petals and makes seeds or fruit.

Leaves- usually green flat part of a plant that grows from the stem or branch.

Petals- the separate part that makes the outer part of a flower they are usually coloured.

Any subject specific requirements?

Future learning:

Y2-living, dead, not living

National Curriculum Links/Learning:

Identify and name a variety of common wild and garden plants.

Identify and describe the basic structure of a variety of common flowering plants including trees.

I can observe closely using simple equipment.

I can identify and classify.

I can use my observations and ideas to suggest answers to questions

Prior Learning:

Life cycle of a plant

Introduce language to name the parts of a plant

Activities/Teaching

Label parts of a plant.e.g dandelion(photo) (petals, stem, leaf roots flower seed)

Look at as variety of wild and garden plants.

Wild plants -dandelion , daisy, buttercup, clover, nettle. Collect off school field and look through magnifying glasses.

Investigation – Are there more dandelions than daisies? Use school grounds and hoops. Children count numbers in hoops and record. Share data in class. Draw a conclusion.

Common garden plants, rose, poppy sunflower, veggie patch.

Look at trees in school grounds and take a photo.

Label trunk, crown roots, branches, leaves, blossom. Take a closer look activity. Use school grounds to look for clover. Collect some clover and take back to class. Look for differences in markings and any leaf numbers 3 or 4. Use magnifying glasses for a closer look.

Growing a bean plant – plant, observation of changes and record.

Look at log slices at rings to see how old a tree is.