

Maths week “ Our World”

Maths in our Natural World Link in with Virtual Nature Opportunities to go for walks in the local area Woodland

Explore and gather a range of natural materials, pine cones, wooden slices etc., sort, create patterns, match amounts to numbers.

I can collect objects and ask questions to gather information, organising and displaying my findings in different ways.

MNU 0-20a

Use digital microscope to explore sunflower heads, shells, bark, etc. and talk about what they can see

I have spotted and explored patterns in my own and the wider environment and can copy and continue these and create my own patterns.

MTH 0-13a



Weather and Climate- Seasons - Autumn

Talk about seasonal changes. Weather getting colder, changes in temp, weather. Discuss different clothing, length of day. Light from the sun Electricity to give light as length of day becomes shorter. Link in with ECO

I am aware of how routines and events in my world link with times and seasons, and have explored ways to record and display these using clocks, calendars and other methods.

MNU 0-10a

Changes in the natural world, migration and hibernation – Pollution Rubbish, recycling

Harvesting crops – Gather and use fruit and veg to cook and bake a variety of items. Use scales to weigh ingredients

Weather – design and create own rain gauge and record amount of rainfall.

Welly Walk – Walk in the local area, splashing in the puddles, survey about the different patterns on wellies, explore patterns on soles of wellies. Sensory walk.

To know that we get light from the sun explore items on light boxes, torches etc.

Explore light, dark, sun, planet, rays, night and day, reflection/symmetry, electricity, fire

My Birthday

Create a birthday chart with photographs of the children added. Carry out a survey.

I am aware of how routines and events in my world link with times and seasons, and have explored ways to record and display these using clocks, calendars and other methods.

MNU 0-10a

Explore a range of Birthday items for provocations

Birthday cards with numbers, badges and put into order to 10.

I have explored numbers, understanding that they represent quantities, and I can use them to count, create sequences and describe order.

MNU 0-02a

Make own Playdough following recipe. Add candles and sprinkles, cupcake cases etc.

I can share out a group of items by making smaller groups and can split a whole object into smaller parts.

MNU 0-07a

My Home, My Family

Using a selection of materials invite learners to draw, create their own home. Talk about shapes size etc. using mathematical language. Do children know where they live, their own address? Who lives in the house? Use Google Earth to view their home

I enjoy investigating objects and shapes and can sort, describe and be creative with them.

MTH 0-16a

Shopping

Visit the local Co-op. Make a list of items needed before going. Use ipads and cameras to record the route. Recreate the map on return.

Make a purchase at the local shop. In movement, games, and using technology

*I can use simple directions and describe positions. **MTH 0-17a***

*I am developing my awareness of how money is used and can recognise and use a range of coins. **MNU 0-09a***