

## Developing Numeracy

Numeracy in school is more than just number work. We explore lots of different topics to encourage children to have a well-rounded experience of all areas of numeracy.

Below are some topics covered in Primary One and ways in which you can help your child to develop these further:

### Addition and Subtraction

I use practical materials and can 'count on and back' to help me to understand addition and subtraction, recording my ideas and solutions in different ways. MNU 0-03a

Curriculum for Excellence – Early Level Number, Money and Measure

- Write out the number stories using rainbow colours, in sand etc.
- Use cubes or other counting materials to add and subtract
- Roll two dice and add the numbers together to find a total
- Roll two dice and subtract the smaller number from the bigger number
- Find different ways to make a given number e.g. 1 red car + 2 blue cars = 3 cars/3 blue cars + 0 red cars = 3 cars
- Find the difference between e.g. I have 1 coin, you have 3 coins so how many more coins do you have?

### 2D shapes and 3D objects

I enjoy investigating objects and shapes and can sort, describe and be creative with them – MTH 0-16a

Curriculum for Excellence – Early Level Shape, Position and Movement

- Find 2D and 3D objects around you e.g. a ball is a sphere
- Use 2D shapes to make simple patterns
- Use 2D shapes and 3D objects to make pictures or models
- Sort shapes using different criteria – Which shapes have 3 corners? Which shapes can roll?
- Spot different 2D shapes within 3D objects e.g. square faces on a cube
- Describe a shape and ask your child to guess which one you are talking about

## Measure

I have experimented with everyday items as unit of measure to investigate and compare sizes and amounts in my environment, sharing my findings with others – MNU 0-11a

Curriculum for Excellence – Early Level Number, Money and Measure

- Use different vocabulary for measure – tall, small, heavy, light, wide, narrow, most, least etc.
- Compare different toys – Which bear is taller? Which doll is the heaviest?
- Play with water/sand filling up different containers and talking about which has the most, least etc.
- Measure items of furniture using hands and other non-standard units of measurement
- Let your child help measure when you are baking/cooking

## Time

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

Curriculum for Excellence – Early Level Number, Money and Measure

- Discuss routines and events with your child e.g. getting ready, having dinner etc. and the time of the day that they take place.
- Look at different clocks and watches and show your child o'clock times e.g. 9 o'clock, it's time for school
- Look at the calendar and discuss days of the week and months of the year. Your child may know some songs or rhymes about the day of the week/months of the year that they have learned at nursery
- Help your child to learn their own birthday and other family member's birthdays.
- Talk about the different season and link to weather and events – Winter – Snowy – Christmas

## Sorting, Organising and Using Information

I can match objects, and sort using my own and others' criteria, sharing my ideas with others MNU 0-20b

Curriculum for Excellence – Early Level Information Handling

- Sort different items using categories e.g. sort toys by size, shape, colour
- Order items e.g. order toys from smallest to the largest
- Spot the difference pictures
- Help your child carry out small questionnaires such as 'What is your favourite colour?' then discuss the results – What colour got the most votes? Least votes?
- Identify similarities and differences between different things

## Money

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

Curriculum for Excellence – Early Level Number, Money and Measure

- Play shops with your child using real or plastic money
- Help your child to identify different coins to 10p and then to £1
- Spot the numbers on the different coins
- Through play, let your child explore paying for items and giving change
- Let your child pay for items in shops e.g. when buying a treat or spending Birthday money
- Use 1p coins to add up to 10p and then 20

## Position and Movement

In movement, games and using technology I can use simple directions and describe positions. MTH 0-17a

Curriculum for Excellence – Early Level Shape, Position and Movement

- Help your child to learn their left from right (Left makes a L shape)
- Do some orienteering with your child e.g. go forward 2 steps, turn right etc.
- Do treasure hunts with your child and help them find things by giving instructions
- Use different positional language – beside, under, over etc.
- Play games with your child and let them give you the instructions on where to go