

Early Level

Number and Number Processes

Range of numbers

1. Your child will be talking about, and writing in order whole numbers from 0 to 20
2. Your child will be using halves ($\frac{1}{2}$) in practical situations

Addition and Subtraction

1. Your child will be adding and subtracting mentally for numbers 0 to 10
2. In real life situations your child will be adding and subtracting in
 - Number (counting)
 - Measurement
 - Money, including paying and getting change up to 10p

Examples of Activities:

- Number formation – write whole numbers with pens, chalk, in flour, mud, sand etc
- Numbers are everywhere – point them out to your child – doors, signs, buses, shops, car registrations etc.

- Sing Number Songs, for example

1, 2, 3, 4, 5 once I caught a fish alive



5 little ducks went swimming one day



10 green bottles hanging on the wall



- Read stories with a number content, for example

Six Dinner Sid by Inga Moore (ISBN 9780340894118)

Ten in the Bed by Penny Bale (ISBN 0-7445-13401-5)

Rocket Countdown by Nick Sharrat (ISBN 0-7445-3901-3)

Abu Ali Counts His Donkeys by Dorothy O. Van Woerkom
(ISBN 0-7445-6825-0)

- Try to help your child to understand that the word 'one' stands for one object, 'two' for two objects and so on. You can do this by asking them to bring you one pen, two pens etc
- Look for simple number patterns on dominoes and cards. Play a memory game with dominoes or cards. Show the amount on the domino then hide it. Talk about what you saw. How were the spots arranged? Did you see pairs or other patterns? Can you draw the pattern in the air? Can you remember how many spots there were? Arrange objects into pairs and count how many are there altogether.
- Share out objects such as counters, cake ... 'half for you and half for me'
- With your child count stairs, buttons, toys, ducks at the park, sweets etc

Money

Your child will be using these coins to buy things



1p



2p



5p



10p



20p

Examples of Activities

- Play shops with real money at home. Demonstrate different ways to make amounts, for example



is the same as



- When shopping talk about money, show them prices of sweets, price labels etc
- Visit the £1 shop

Time

1. Your child will be sorting events into time order.

Days of the week – Monday, Tuesday.....

Seasons of the Year – Spring, Summer, Autumn, Winter

Times of the Day – Morning, Afternoon, Evening, Night

2. Your child will be telling the time in hours using

a digital

or

analogue clock



Examples of Activities:

- Give your child times for activities.....

‘We will be going to Gran’s house tomorrow at...’

‘Tell your uncle what you did yesterday’

‘We go swimming on a Wednesday’

‘Gym day is a Friday’

‘7 o’clock is bedtime’

- Read stories with a time theme such as

Isn’t it Time? by J Hindley & N.Shorratt (ISBN 0-7445-4329-0)

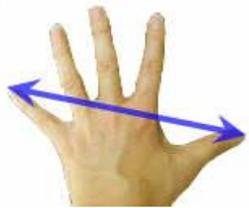
Tick Tock by Eileen Browne (ISBN 0-7445-4345-2)

The Year in the City by Kathy Henderson (ISBN 0-7445-6042-X)

Measurement

1. Your child will be measuring and estimating in handy non-standard units, for example

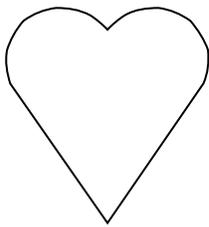
a hand span for length



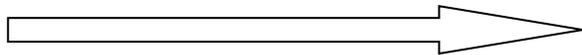
or a cup full for volume



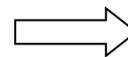
2. Pairs of objects will be put in order using the correct words such a
bigger smaller taller shorter



longer



shorter



Examples of Activities:

- Play the game of 'Giant Steps and Baby Steps'
'How many Giant steps is it to the end of the path?'
'How many baby steps is it?'
- Use a height chart
- Baking/cooking activities
- Carry shopping/when tidying up use language heavy, heavier/light, lighter

Patterns and Relationships

1. Your child will be using and talking about their fingers to develop their understanding of addition and subtraction. E.g. Your child will put out 5 fingers on one hand, then find other ways of showing 5. Perhaps 3 fingers on one hand and 2 on the other. The more ways they can make 5 the better as they discover how to add and subtract within 5. As your child becomes more confident, they will put their fingers on their head, like bunny ears, and count without looking at fingers? This activity helps your child to complete sums such as; $4+1=5$, $1+4=5$, $5-1=4$, $5-4=1$.
2. Adding and subtracting beyond 5. Your child will put out 5 on one hand and two more on the other, then count how many fingers there are altogether? They may start counting from one and later will start to count on from 5. As your child becomes more confident, they will put their fingers on their head, like bunny ears, and count without looking at fingers?
3. Your child will be copying, counting and describing simple object patterns, using objects of different

- colour

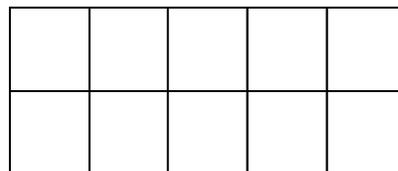


- shape



Examples of Activities

- get your child to help around the house, and talk about pattern on wallpaper, clothes etc
- matching socks from the washingred with red, blue with blue etc
- make patterns with beads, farm animals, cars crayons etc
- use a 5 frame and later a tens frame to display numbers

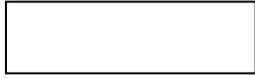


Properties of 2D shape and 3D objects

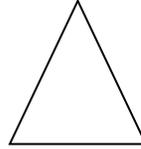
1. Your child will be using and will know all of these 2D shapes and 3D objects



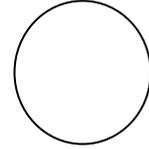
square



rectangle

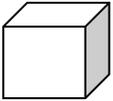


triangle

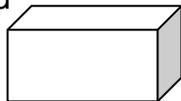


circle

cube



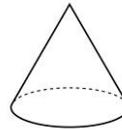
cuboid



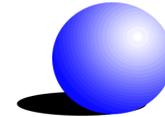
cylinder



cone



sphere



2. Your child will be able to use simple words to identify and describe shapes such as 'can roll' or 'has straight sides'
3. Your child will make models using 3D objects and be asked to copy models made by someone else

Examples of Activities

- Children have fun looking for shapes all around them. Help them to find basic shapes, for



- Save empty boxes and cartons for your child to play with and build models and discuss their shape

Angle, symmetry and transformation

1. Your child will be describing the position of objects.

'It's **behind** the chair'.... 'It's **next** to the book' (over, under, inside etc)

2. They will also be giving others directions to get to an object.

'Go **forward**.....step to the **right**....'

3. ICT will be used to develop this skill further

Examples of Activities

- Play hide the 'thimble' and give directions to find it
- Play Simon Says – put your hands above your head, under your legs, behind your back etc
- Read stories with positional language, such as

The Great Escape by Phillippe Dupasquier (ISBN 0-7445-4714-8)

Who Goes Buzz? By A. Boyle & I Monks (ISBN 0-7445-4990-6)

We're Going on a Bear Hunt by Michael Rosen (ISBN 9781416987116)

Bears in the Night by Stan Berenstain (ISBN 9780394822860)

Data Analysis

1. Your child will be able to obtain information for a task from a picture, video or story and collect information about themselves and familiar objects
2. Your child will use charts and signs to organize their day
3. Your child will be able to organize information by counting, sorting and using tally marks (||||)
4. Your child will be able to display information using pictures and drawing simple diagrams
5. Your child will be able to interpret information from a pictogram and from simple bar graphs and ask simple questions

Examples of Activities

- Ask your child questions about a picture from a story book or a scene from a video, for example

How many cows/sheep/horses? etc



- Ask your child to sort everyday items, for example

Sort shopping – fridge, freezer, cupboard etc

Sort washing – darks/lights