

Activities that support Maths – Shape, Space & Measure

Exploration shape and measure work:

- Use shape puzzles to challenge your child to recognise which shape fits where
- Use 'Mega Bloks' or something equivalent to build shapes and encourage your child to make the own shapes
- Create a pattern using building bricks or toys and get your child to repeat the pattern. See if they can make a pattern for you to copy.
- Go for a walk and when you do say which way you are going and get your child to repeat the direction. Gesture in the direction to.
- Play 'Spot the Shape' – show your child a shape and see if they can spot it around the house.
- Play with different shapes and let your child explore with an adult commenting on the play
- Explore filling and emptying containers and encourage children to look at the different amounts in the containers; which is full? which is empty?

Next Level:

- Find objects of different weights, sizes, etc and get your child to place them in order. Challenge them to place them in reverse order too.
- Get your child to name the time of day. For example:
 - Breakfast time
 - Lunch time
 - Play time
 - Dinner time
 - Bedtime
- Get your child to measure how many of their steps it takes to measure an item e.g. length of the garden, front room, hallway, etc
- Play 'Shop' with your child. Give them some coins and get them to offer you the coin for different items.
- Play 'Find the Shape' – name a shape for your child to find and get them to find that shape anywhere in the house or garden
- Go for a walk. Whilst walking get your child to name the direction in which you are going
- Challenge your child to tell the time to half past.

For pupils working with standard units of measure and 3D shapes:

- Challenge your child, using a ruler, to measure objects of different sizes and write those measurements down
- Cook with your child and get them to do all the reading of measurements from the recipe and then make sure that they measure the correct amount
- Get your child to ask family, via messages, what their favourite colour or pet is and then create a pictogram with different coloured Lego bricks



- For example:

- Challenge your pupils to find different 2D and 3D shapes around the house, then challenge them to make those shapes using materials in the house.
- Challenge your child to work out how much money they've been given. Give them varying amounts using all the UK coins. Some pupils may cope with notes.
- Challenge your child to estimate how long a game will take to play. Get them to play the game and time it.