

## Number Sense

### Place Value

- Count everything! Stairs, food, fingers, bus stops, etc.
- Look for numbers everywhere and point them out.
- Play board games using dice.
- Play card games.
  - For older children
- Read larger numbers (e.g. in newspapers, on TV). Talk about the value of the numbers you see (e.g. How much is 1 million?)
- Count money.



### Four Operations

- Make 'sum' stories. (e.g. If you have five cards and give two to your friends. How many will you have left?)
- Talk about how they work out calculations.
- Calculate prices of shopping. Allow older children to pay for things themselves and work out the change.

## Measurement

### Time

- Read the time often.
- Talk about what time events will take place.
- Talk about the days of the week, and what you do on different days.
  - For older children
- Pose time problems. (e.g. How long will it take us to get there? At what time will your lesson finish?)
- Practise reading the 24 hr clock.
- Let them add events to a family calendar.

### Capacity, Length, Weight,

- Play with different-sized containers in the bath or sand pit.
- Cooking!
- Playing with measuring tools.
  - With older children
- Involve them in home projects (e.g. Will this piece of furniture fit in the room?)



# Pattern

- Look for patterns everywhere (e.g on clothes and in nature).
- Make patterns using loose parts in your home such as bottle caps, or toys.
  - For older children
- Look for patterns in numbers.



# Data Handling

- Pose questions and answer them (e.g. I wonder how many different types of animals there are in this zoo. How can we find out?)
  - For older children
- Look at data presented in the media.

# Shape and Space

- Name 2D and 3D shapes at home.
- Puzzles
- Constructions toys
- Give simple directions.
  - For older children
- Let them use maps to plan routes (e.g. MTR maps, google maps)
- Look at interesting shapes and angles used in buildings.

