Maths

Challenge yourself

Measure

* Balance an onion of a glass of water,
* Record its growth over the next 2/3 weeks.
* Measure its roots, the shoot and the whole thing.
* Measure it each day and record in a table.
* Use this data to create a line graph to show the growth of your onion.
* Measure the width of your onion and when the experiment is over measure to see if there is difference there as well.
* Pick random items around your house and guess their length, height width. Record this in a grid designed by you.
* Measure things around the house and record their length, width and height. Compare to your predictions.
* Find the tallest thing in your house. Find the widest thing in your house and the longest thing.
* Group the items. You decide how do they fit together in groups. Types of items? Size? Height? Etc
* Challenge: calculate the AREA of surfaces (length X width) cm squared
* Super challenge: calculate the VOLUME of items (length X width X depth) cm cubed.

Parents use this situation to teach your children as much about time as possible.

* Refer to the clock all the time.
* Write out a simple timetable for the day so they know the key points of the day. For example breakfast, lunch, dinner, bedtime etc
* Ask them the time, help them work it out. It is hard, so be patient. Trust me, we understand.