Number

Early learning goal expectations for the end of reception are

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.

Using quantities and objects, they add and subtract two single digit numbers and count on or back to find the answer.

They solve problems, including doubling, halving and sharing.

You can help at home by:

• Singing songs that take away or add things e.g. 10 green bottles, 1 man went to mow, 5 currant buns

• Exploit all counting opportunities – count stairs, count buttons, count lampposts on a walk, count 'red' cars on a journey etc.

• Commercial games such as snakes and ladders - these help with the counting on strategy.

• Throwing beanbags/balls at numbered targets and adding up scores – who scored the most? The least?

• Practice counting in 2s, 5s and 10s.

• Look for numbers whilst walking or on a journey

• Ask questions like 'if I took one away how many would I have left?' or if I add one how many have I got now?

• Use magnetic numbers. Put them in order. Miss one out of a sequence – do they know which one is missing?

Shape, space and measure

Early learning goals expectations for the end of reception are

• Children use everyday language to talk about size, weight,

capacity, position, distance, time and money to compare quantities and objects and to solve problems.

• They recognise, create and describe patterns.

• They explore characteristics of everyday objects and shapes and use mathematical language to describe them.

You can help at home by:

• Looking for and name shapes at home and in the environment.

• Talk about 3D (solid) shape names - packaging on food items is an excellent way.

• Junk model with 2D and 3D shapes – can you name them all?

• Make pictures with different shapes.

• Involve children in cooking. Look at numbers on scales and measuring jugs.

• Measure and compare feet sizes and height of other family members.

• Shopping activities – real or pretend – use real money to help identify coins and talk about weight of items.