Helping your child in Year 3 with Mathematics

1. Times tables 1-10
Start with the 2, 5 and 10s.
Then move on to 3, 4 etc.
(You could also look at the division facts as well e.g. 2 x 3 = 6, 6 shared three = 2).

2. Number bonds up to 10 e.g. 3+7=10
Move on to number bonds to 20.
Then move on to number bonds to 100 e.g. 30 + 70 = 100
25 + 75 = 100, then 24 + 76 = 100
Try to encourage your child to search for patterns and relationships with the numbers e.g. 7 + 3 = 10, 17 + 3 = 20
Look also at the inverse e.g 10 – 7 = 3

3. Names and properties of 2D & 3D shapes.
Including words like number of faces, edges, vertices (corners).

4. Money – some children have very limited experience in handling money – first of all look at the different types of coins and their values. Move on to looking at how we can make the value of a coin using other coins. Start with finding coins with the value of 5p and work up. You may wish to set simple word problems involving money.

5. You could look at what a right angle is – find as many items that have right angles. Find angles that are bigger/smaller than right angles etc.

6. How to tell the time on a 12hour clock – look at finding the hour first. Move on to half past, then quarter past and quarter to etc.

7. Read and recognise numbers in their tens, hundreds, thousands etc and what the value of each digit is. Can they write the value of numbers? Look at numbers like 102, 120 etc.

8. Order numbers – from biggest to smallest, smallest to biggest. Again provide a number of different values and especially ones which look similar e.g. 21, 12, 210, 102, 112, 201, 2001 etc

9. Doubling and halving numbers – start off with numbers in the units and them move on to the tens etc. Partition to answer e.g 23 doubled =

Double 20 = 40

Double 3 = 6

40 + 6 = 46

10. Find half of shapes. Move on to quarters and three quarters. Compare the size to a half. Is it bigger/smaller than a half/quarter/three quarters etc.

11. Partition numbers e.g 23 = 20 + 3, 142 = 100 + 40 + 2

12. The most important point – give your child confidence.