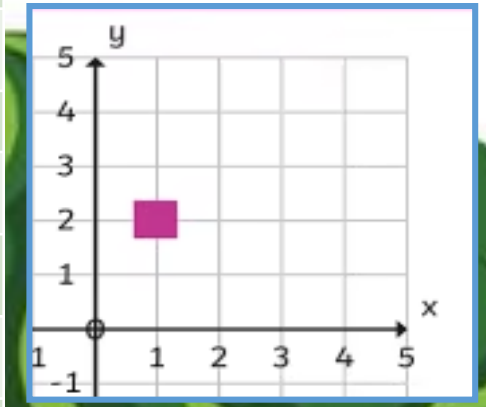
Maths, Year 3, Autumn 2

What I will know by the end of the Autumn 2 term	
Arithmetic 1	I can solve maths stories for + - x and ÷ using fifths.
	I can add or subtract using column method with a tricky tens column.
Geometry	I can draw and label a pair of axes.
	I can plot coordinates accurately.
	I can plot and label points to draw polygons.
Data & Measure	I can draw a circle with a compass.
	I can draw a hexagon with a compass and ruler.
	I can choose the correct tools to measure.
Arithmetic 2	I can solve problems involving fractions of quantities.
Reasoning	I can solve multiplication word problems.
	I can solve division word problems.
Additional Coverage	I can partition a number into thousands, hundreds, tens and ones e.g. 1536 = 1000 + 500 + 30 + 6
	I can tell you the number of seconds in a minute and how many minutes in an hour.
	I can tell you how many days are in each month and how many days are in each year.
	I'm working towards recalling multiplication and division facts from my 2x, 5x, 10x and 3x tables.

Months of the year

30 days have September,
April, June and November
All the rest have 31,
Except for February alone
Which has 28 days clear
And 29 in a leap year.



Time

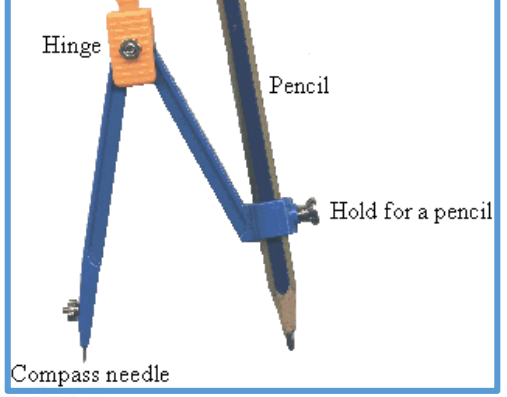
There are:
60 seconds in one minute.
60 minutes in one hour.
24 hours in one day.
7 days in one week.
52 weeks in one year.
365 days in one year.
366 days in a leap year.
10 years in a decade.
100 years in a century.

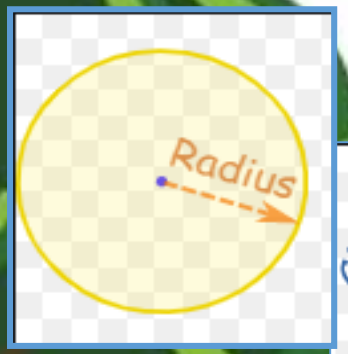
Activities to try at home & Useful Links

- Can you create your own game of battleships to practice your coordinates?
- Use a map to read grid references of different places - these are like coordinates.
- Practice your 2x table using house numbers.
- Practice your 5x, 10x and 3x tables by counting sets of objects.
- Practice maths skills on My Maths and TTRockstars

Useful Vocabulary

Axis	There are two axes on a grid. The 'x' axis is the horizontal line. The 'y' axis is the vertical line.
Centre	The middle point.
Circumference	The distance around the outside of a circle
Compass	An instrument with two arms, one sharp and one with a pencil that can be used to draw circles or arcs.
Coordinates	A set of numbers that shows us the position of a point e.g. A is (6,1) . We write the x axis number first, followed by the y axis number.
Partition	Splitting a number into Th, H, Ty and Ones
Radius	The distance from the centre to the outer edge of a circle.





3 x

3 x 1 =	3
3 x 2 =	6
3 x 3 =	9
3 x 4 =	12
3 x 5 =	15
3 x 6 =	18
3 x 7 =	21
3 x 8 =	24
3 x 9 =	27
3 x 10 =	30
3 x 11 =	33
3 x 12 =	36

4 x

4 x 1 =	4
4 x 2 =	8
4 x 3 =	12
4 x 4 =	16
4 x 5 =	20
4 x 6 =	24
4 x 7 =	28
4 x 8 =	32
4 x 9 =	36
4 x 10 =	40
4 x 11 =	44
4 x 12 =	48