Ashfield Valley Primary School— Year 3 -Autumn 1 Maths Knowledge Organiser
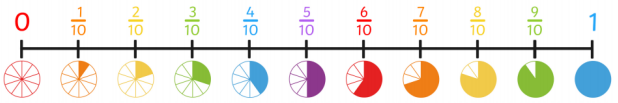
Tenths

Addition and subtraction

A7: Column Addition

$$687 + 248 = 935$$

S11: Column Subtraction

$$723 - 356 = 367$$

Multiplication and division

M6: Column Multiplication

$$147 \times 4 = 588$$

D10: Short Division

$$136 \div 4 = 34$$

2D and 3D Shapes

Circle	Triangle	Hexagon	Octagon	Oval
1 curved side	3 straight sides	6 straight sides	8 straight sides	1 curved side
0 vertices	3 vertices	6 vertices	8 vertices	0 vertices

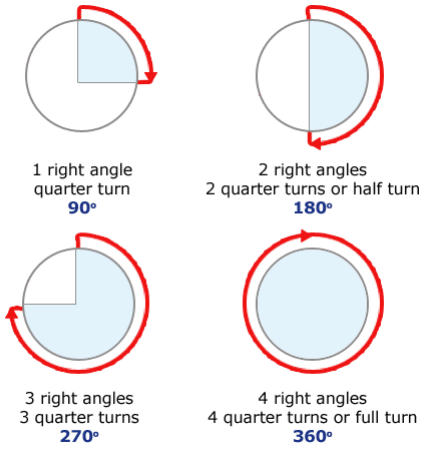| Parallelogram	Pentagon	Rectangle	Square	Trapezium
4 straight sides	5 straight sides	4 straight sides	4 straight sides	4 straight sides
4 vertices	5 vertices	4 vertices	4 vertices	4 vertices

Properties of 3D shapes

Cone	Sphere	Tetrahedron	Cuboid
2 Faces	1 Face	4 Faces	6 Faces
1 Edge	1 Edge	6 Edges	12 Edges
1 Vertex	0 Vertices	4 Vertices	8 Vertices

Cylinder	Cube	Triangular Prism	Square-based pyramid
3 Faces	6 Faces	5 Faces	5 Faces
2 Edges	12 Edges	9 Edges	8 Edges
0 Vertices	8 Vertices	6 Vertices	5 Vertices

Measurement

$$1000g = 1 \text{ kilogram}$$
$$1000ml = 1 \text{ litre}$$
$$100cm = 1 \text{ metre}$$

Angles

1 right angle
quarter turn
90°

2 right angles
2 quarter turns or half turn
180°

3 right angles
3 quarter turns
270°

4 right angles
4 quarter turns or full turn
360°

Statistics

Day	Number of ice lollies sold
Monday	🍦🍦🍦
Tuesday	🍦🍦🍦🍦
Wednesday	🍦🍦🍦
Thursday	🍦🍦🍦🍦
Friday	🍦🍦🍦🍦🍦🍦
Saturday	🍦🍦🍦🍦🍦🍦🍦🍦
Sunday	🍦🍦🍦🍦🍦🍦

🍦 = 10 ice lollies

How many ice lollies were sold on Tuesday?

Which times tables do you need to learn?

Remember to use TT Rocks Stars to prac-