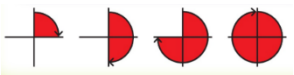
Cedar Park School & Nursery
Be kind ★ Be inspired ★ Believe

Summer Term Maths Learning Overview

Year 5

Unit 12 – Geometry properties of shape

- Measure angles with a protector
- Recognise and draw lines and angles accurately
- Calculate missing angles in shapes
- Label parallel and perpendicular lines
- Accurately identify regular and irregular polygons
- Recognise different 3D shapes from different views



Unit 13 – Geometry position and direction

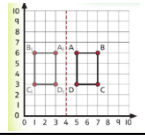
- Read and plot coordinates on a grid
- Find the coordinates of vertices of shapes on a grid
- Learn to reflect simple 2D shapes in vertical and horizontal lines
- Use coordinates to calculate new points of a reflected shape
- Translate 2D shapes on grid paper

Unit 14 – Decimals

- Add and subtract decimals
- Add whole numbers to decimals
- Find decimals complements to 1
- Subtract decimals from whole numbers
- Solve problems involving addition and subtraction of decimals including money
- Multiply and divide decimals and whole numbers by 10, 100 and 1000.

Unit 15 – Negative numbers

- Learn how to count back past 0
- Learn how to read, write and place negative numbers
- Read thermometers
- Compare, order and find the difference negative and positive numbers



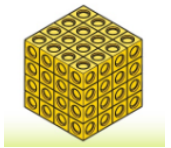
Unit 16 – Graphs and tables

- Convert between metric units of length
- Recognise imperial units
- Convert between units of time
- Read timetables
- Solve problems based on measure



Unit 17 – Measure - volume

- Volume of a shape
- Find volumes of shapes by counting the number of cm3 cubes
- Draw shapes with different volumes
- Compare and estimate the volume of different shapes



Key Vocabulary

Angle, whole turn, right angle, acute angle, obtuse angle, degrees, interior angle, clockwise, anticlockwise, parallel, perpendicular, regular, irregular, top view, plan view, side view, reflection, translation, vertex, vertices, coordinates, mirror line, horizontal, vertical, add, subtract, decimal, tenths, hundredths, thousandths, complement, divide, decimal point, exchange, multiply, column, exchange, positive, negative, increase, decrease, temperature, interval, convert, metric, kilogram, millimetre, kilogram, litre, timetable, volume, cube, cuboids, 3D shape, solid, capacity, least, greatest