Year 5 Maths Checklist – Geometry Measures Statistics

Measurement

I can:

☐☐☐ Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).

☐☐☐ Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.

☐☐☐ Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.

☐☐☐ Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes.

☐☐☐ Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water].

☐☐☐ Solve problems involving converting between units of time.)

☐☐☐ Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Assessment Point 1:   *Point 2:*   *Point 3:*

Geometry – Properties of Shapes

I can:

☐☐☐ Identify 3-D shapes, including cubes and other cuboids, from 2-D representations.

☐☐☐ Use the properties of rectangles to deduce related facts and find missing lengths and angles.

☐☐☐ Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

☐☐☐ Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.

☐☐☐ Draw given angles, and measure them in degrees ($°$).

☐☐☐ Identify angles at a point and one whole turn (total 360$°$).

☐☐☐ Identify angles at a point on a straight line and half a turn (total 180$°$).

☐☐☐ Identify other multiples of 90$°$.

Assessment Point 1:   *Point 2:*   *Point 3:*

Geometry – Position and Direction

I can:

☐☐☐ Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Assessment Point 1:   *Point 2:*   *Point 3:*

Statistics

I can:

☐☐☐ Solve comparison, sum and difference problems using information presented in a line graph.

☐☐☐ Complete, read and interpret information in tables, including timetables.

Assessment Point 1:   *Point 2:*   *Point 3:*