

## Mathematics

### Measurement, Geometry and Statistics

#### Year 5

- 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)
- I can calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes
- I can identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- I know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- 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.

#### Year 6

- I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate
- I can calculate the area of parallelograms and triangles
- I can recognise when it is possible to use formulae for area and volume of shapes
- I can describe positions on the full coordinate grid (all four quadrants)
- I can draw and translate simple shapes on the coordinate plane, and reflect them in the axes
- I can interpret and construct pie charts and line graphs and use these to solve problems
- I can calculate and interpret the mean as an average.

## Smugglers and Pirates



### English

I can read books that are structured in different ways and read for a range of purposes

I can write for a range of purposes including poetry, play writing, story writing and newspaper reports

I can use a range of punctuation and cohesive devices across my writing

I can plan, write, evaluate and edit my writing and help others to do the same

### Science

I can describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird

I can describe the life process of reproduction in some plants and animals

I can record data and results of increasing complexity in different ways

I use scientific diagrams and labels

## History

I can identify continuity and change in the history of the locality of the school.

I can compare some of the times studied with those of the other areas of interest around the world.

I can use dates and terms accurately in describing events.

I can use appropriate historical vocabulary to communicate

## Art and Design

I can explore the effect of light on objects and people from different directions – reflections, shadows, direction of sunlight.

I can begin to use simple perspective in my work e.g. by using single focal point on horizon.

## P.E.

### Athletics

I can combine sprinting with low hurdles over 60 metres.

I can choose the best place for running over a variety of distances.

I can throw accurately and refine performance by analysing technique and body shape.

I can show control in take-off and landings when jumping.

I can compete with others and keep track of personal best performances, setting targets for improvement.

### Swimming

I can swim unaided over a distance of at least 25 metres.

I can use breast stroke, front crawl and back stroke, ensuring that breathing is correct so as not to interrupt the pattern of swimming.

I can perform safe self-rescue in different water-based situations.

# Smugglers and Pirates



## Music

### Reflect, Rewind and Replay

I can sing or play from memory with confidence.

I can perform solos or as part of an ensemble.

I can sing or play expressively.

## RE

### Commitment

I can explain the practices and lifestyles involved in belonging to a faith community.

I can compare and contrast the lifestyles of different faith groups.

## Computing and Online Safety

I can select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner.

I can describe common systems that regulate age-related content (e.g. PEGI, BBFC, parental warnings) and describe their purpose.

## French

### Time Travelling

I can read and understand the main points and opinions in written texts from various contexts.

I can show confidence in reading aloud, and in using reference materials.

## PSHE & RSE (Year 5 / 6)

I am aware of my own self-image and how my body image fits into that.

I know how to develop my own self esteem.

I can explain how boys' and girls' bodies change during puberty and understand the importance of looking after yourself physically and emotionally.

I can identify what I am looking forward to about becoming a teenager and understand this brings growing responsibilities (age of consent).

I can identify what I am looking forward to and what worries me about the transition to secondary school.