



## Poplars Curriculum – Term 6 (2023-24)

Topic – The Great Barrier Reef Our primary topic is geographical, which will focus on the natural wonder that is The Great Barrier Reef. This amazing marvel of our planet supports a varied eco system that ties directly into our own here in Britain. Poplars will be looking at the importance of the oceans and currents as well as how the reef is an indicator of our world's fragile state and the ocean's wonderful potential.



Maths – Year 5 will continue to look at Geometry and will be measuring them more accurately and understanding the properties of a circle and the related angles around a central point. We will then be moving on to Time and Statistics when they aren't joining Year 6 in problem solving investigations.

Year 6 – will be looking to review some year 6 elements as well as looking at a few investigations that will involve Year 7 skills. A key part of this will be dealing with real world mathematics dealing with concepts such as interest, net and gross profit.

English – In reading we will continue exploring the stories from last term's 'Wolves of Willoughby Chase' and 'The Island and the Blue Dolphins.' We will also be writing an atmospheric migration / exodus story based on 'The Journey' by Francesca Sanna to inspire impactful fictional writing. Need I add – we will also be looking at drama in the end of year production.

Science – We will be looking at the science of classification – it's more interesting than it sounds! We will be understanding how life has and is categorized in nature from Mammals to plants, mushrooms to the lesser spotted primary school teacher.

Art and DT – Mrs Nicholson will be helping Poplars with scenery backdrops for our end of year production! She will also be looking at other props and scenery elements too.

Computing – The play will be taking an understandable amount of our time this term; however, we will be finishing off our filming projects as well as making some films for future years and classes for Mrs Crump.

Music - Music will be taking a larger role in this final term. Poplars will be introducing earworms to all of you at home as they learn and perform our show



songs, until you will know them before you ever see it. Our music and dance will all be play-based this term!

RE will be asking the question, 'How did Buddha teach his followers to find enlightenment?' where we will be looking at the concept of enlightenment and the key teachings of Buddhism and the Four Noble Truths.

PHSE will be exploring 'Growing and Changing' as part of the SCARF scheme which will cover elements that cover puberty, maturity, and elements of relationships.

Our PE days for this term remain on Monday and Thursday, where we will be looking at Dance in our play, as well as team games with continued fitness via rounders and athletics!

#### Homework:

Children are required to read for 20 mins at least 4 times a week and engage in 'Rockstars TT' for 20 mins at least 4 times every week (Y6 will be given alternative arithmetic exercises)

ALSO: Reading records are regularly checked and signed throughout the week and children may have opportunities during the week when they will be reading their own book. Therefore, we will be asking all children to bring in their reading records and their books everyday – we want to encourage reading at home and at school as much as possible, and reward children accordingly.

Statutory word lists have been given at the start of year to practise throughout the year (reading and spelling). COPIES CAN BE SENT OR MADE AVAILABLE.

Children are given a term project midway through the term to enable additional learning in support of our topic – this term this is largely linked to our play and learning lines etc. However, some smaller art tasks will be asked for to help complete our class time line this term.

Please remember, if you have any worries or concerns about your child, please contact the class teacher via the @letters email address.

Many thanks

Mr Ashbee-Dobbins



**Year 5 Term 6**

**Area of a square** =  $s^2$   
 $= 3 \times 3$   
 $= 9 \text{ cm}^2$

**Area of a rectangle** = length  $\times$  width  
 $= 5 \times 4$   
 $= 20 \text{ cm}^2$

**Volume of a 3D shape** is the amount of space it takes up.

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**Angles**

An acute angle is less than  $90^\circ$ .

An obtuse angle is more than  $90^\circ$  and less than  $180^\circ$ .

A reflex angle is more than  $180^\circ$  and less than  $360^\circ$ .

What size is the reflex angle?  
 The reflex angle is  $360^\circ - 40^\circ = 320^\circ$ .

The sum of the angles of a pentagon is  $540^\circ$ .

The sum of the angles of a hexagon is  $720^\circ$ .

The sum of the angles of a heptagon is  $900^\circ$ .

The sum of the angles of an octagon is  $1080^\circ$ .

The sum of the angles of a nonagon is  $1260^\circ$ .

The sum of the angles of a decagon is  $1440^\circ$ .

The sum of the angles of a hendecagon is  $1620^\circ$ .

The sum of the angles of a dodecagon is  $1800^\circ$ .

**Fractions with the same denominator**

$2\frac{2}{4} + \frac{5}{4} = 2\frac{7}{4}$   
 $= 3\frac{3}{4}$

$1\frac{5}{8} - \frac{4}{8} = 1\frac{1}{8}$

$\frac{3}{4} = \frac{6}{8}$   
 $1\frac{1}{8} - \frac{6}{8} = \frac{7}{8}$

Or on a number line:

$1\frac{1}{8} - \frac{6}{8} = \frac{7}{8}$

**Time Conversions**

60 seconds = 1 minute  
 30 240 seconds = 4 minutes  
 54 hours = 2 1/2 days

7 days = 1 week  
 28 days = 4 weeks

**Area and Volume**

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 $= 3 \times 3$   
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 $= 5 \times 4$   
 $= 20 \text{ cm}^2$

Volume = length  $\times$  width  $\times$  height  
 $= 7 \times 7 \times 7$   
 $= 343 \text{ cm}^3$

**Bus Timetable**

Ashley	09:30	11:00	12:15
Barton	10:30	12:30	17:00
Culford	10:00	13:15	17:45
Ogley	11:00	13:25	18:00

The 11:50 bus from Ashley takes 1 hour and 22 minutes to reach Culford.

**Distance-Time Graph**

From 11am to 1pm they travelled 30km.