



Poplars Curriculum – Term 2 (2024-25)

Topic – Deserts

Welcome Poplars! This term we will be studying the world's biomes and more precisely their deserts. Primarily we will focus on the physical characteristics of hot deserts and how man and animal has adapted to survive in such harsh environments. We will also briefly consider why large parts of Antarctica are also considered a desert. These lessons will culminate in answering a key question around desert geography.



Maths – This term we will be looking at fractions in Year 6 – primarily equivalence of denominators, before moving on to decimal, fractional and percentage comparison and equivalence. Year 6 will then later in the term move on to angles in geometry and the calculation of degrees around a single point.

Year 5 will be looking at addition and subtraction of larger numbers and decimal numbers. Before moving on to investigate multiplication and division by the power of 10 and then in more complex and formal calculation methods.

English – We will be focusing on writing more creatively this term, looking at creative fictional writing involving speech punctuation and atmosphere using pathetic fallacy, metaphor and imagery. This will be achieved by studying 'The Arrival' by Shaun Tan. We will then move on to look at 'Letters from a lighthouse' and recount writing.

DT – Mrs Nicholson will be looking at Christmas related textile design and implementation as they create their own textile Christmas decorations.

Science – In English we are looking at forces, including gravity and the association between mass and weight, as well as resistance and drag before looking at simple machine physics – catapult anyone?

Computing – This term we will continue looking at how we communicate and how the internet works by understanding what a website is, an internet address and some of the more intricate behind the scenes elements we take for granted every day.

Music – CHRISTMAS.. anyone... we will be preparing a festive treat... involving singing.



French – Mrs Ramsden will be looking at the weather! Fantastique!

PE - Our PE days are Monday and Wednesday. This term we will be looking at Cricket and Dance!

RE – Poplars (utilising content from the Emmanuel Project) we will be focusing on Islam and asking 'How does tawhid create a sense of belonging to the Muslim community?'

PHSE – In PHSE this term we will be looking at differences – in particular valuing differences and coming to terms with differing opinions and challenging stereotypes.

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. This will be checked. Once a term a larger piece of topic-based homework will also be issued.

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

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 every day – we want to encourage reading at home and at school much more and reward children accordingly.

Statutory word lists will be given at the start of year to practise throughout the year (reading and spelling).

As noted above, children will be given a term project midway through the term to enable additional learning in support of our Geography topic; to extend their learning at home.

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



Simplify $\frac{7}{7}$

7 and 14 have the common factor 7

$$\frac{7}{14} = \frac{1}{2}$$

Compare

$\frac{2}{8} < \frac{2}{7}$

$\frac{2}{7} < \frac{2}{6}$

$\frac{2}{6} < \frac{2}{5}$

The larger the denominator the smaller the equal parts.

$\frac{2}{4}$ and $\frac{2}{3}$ have the common denominator 12

so $\frac{2}{4} > \frac{2}{3}$ because $\frac{6}{12} > \frac{8}{12}$

Order

$\frac{5}{6}$ more than $\frac{1}{2}$ less than 1

$\frac{2}{3}$ less than $\frac{1}{2}$ more than 1

$\frac{7}{8}$ more than 1

$1\frac{1}{2}$ more than $1\frac{1}{2}$

0.75 = $\frac{3}{4}$

0.5 = $\frac{1}{2}$

0.38... = $\frac{19}{50}$

0.25 = $\frac{1}{4}$

0.2 = $\frac{1}{5}$

0.1 = $\frac{1}{10}$

So $0.3 = 30\% = \frac{3}{10}$

75%	$\frac{1}{2} = 0.2$ SO
50%	$\frac{2}{5} = 0.125$
33.33...%	$\frac{1}{4} = 0.25 = \frac{2}{8}$ SO
25%	$\frac{1}{4} = 0.25 = \frac{2}{8}$ SO
20%	$\frac{1}{5} = 0.125$
10%	

Handwritten note: simplify a bit, order and order and order vertical

Order of Operations

$6 - 2 + 4 = 8$ Only addition and subtraction - complete the calculation from left to right

$6 \div 2 \times 4 = 12$ Only multiplication and division - complete the calculation from left to right

$6 + 4 \times 2 = 14$ Complete multiplication before addition or subtraction

$(6 + 4) \times 2 = 20$ Complete the calculations in Brackets first

$6^2 + 4 \div 2 = 20$ Calculate indices before other operations

Handwritten note: If I know... then I also know... because...

Year 6 Term 2

Properties of Symmetry

quadrilaterals

at least 2 lines of symmetry

curved surface	prism	not a prism
no curved surfaces	pyramid	

Handwritten note: properties of symmetry: parallel, prism, pyramid

Angles

The sum of the angles at a point on a straight line is 180°

The sum of the angles at a point is 360°

Vertically opposite angles are equal

Parts of a circle: diameter, radius, circumference

Vertically opposite angles are equal

Geometry

The sum of the angles in a triangle is 180°

The sum of the angles in a quadrilateral is 360°