



Poplars Curriculum – Term 3 (2024-25)

Topic – Space

Welcome to 2025 Poplars! This term is mainly science based as many of you know! It will concern all things space from our nearest star, the moon and all the planets in our solar system... yes, ALL 13! Why have 8 when you can have more...



We will also be looking at the future of humanity in space and focusing on how the movement of our own planet affects our daily lives.

Maths – We will be finishing Primes, Squared and Cubed numbers in Year 5 and moving on to written calculation methods for multiplication – which Year 5 are pretty good at already... and division. Which is a little harder. In year 6 we will be revisiting and exploring BODMAS or BIDMAS if you prefer, before moving on to a more prolonged study of fraction calculations – mainly multiplication and division.

English – In English we are focusing on COSMIC by Frank Cottrell Boyce – which we will be looking at in our writing also – to begin with writing to entertain. COSMIC will carry on as our class reader when we move on in writing to look at non-fictional writing concerning a small but very important red planet. Writing to inform will naturally be a focus in the latter half of the term.

In reading we will be undertaking regular comprehension practice and our Term 3 and 4 readers will be the aforementioned 'Cosmic' and then the science fiction story "The City of Ember" by Jeanne DuPrau.

Music – How does music improve our world? A good question and one Poplars will be investigating this term! We will also be looking at Cheltenham born composer Gustav Holst's 'Planet Suite.'

French – Mrs Ramsden will be building on last term and detailing directions and exploring towns and streets using French. Where's the library please?

PE – As last term, PE days are Monday and Wednesday. This term we will be looking at OAA or orientation work as well as gymnastics.

RE – Poplars (utilising content from the Emmanuel Project) will be revisiting the Hindu religion and examining why Brahman and Atman are so important to their faith and how Hindus reflect this belief in their lives.



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PHSE – Pupils this term will be looking at keeping themselves safe, understanding responsibility and we will be looking at the dangers of drugs from alcohol to medicines.

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.

YEAR 6 will be issued arithmetic homework and some Year 5's will also be given arithmetic too.

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 everyday – 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 science topic; this is optional and is provided for those children that want 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



$\frac{1}{3} + \frac{1}{4}$

I can't describe the sum!

Find a common denominator.

$\frac{1}{3} = \frac{4}{12}$ $\frac{1}{4} = \frac{3}{12}$

so $\frac{1}{3} + \frac{1}{4} = \frac{7}{12}$

I can add fractions with the same denominator.

$\frac{3}{4} - \frac{2}{3}$

I can't describe the part that is left!

Find a common denominator.

$\frac{3}{4} = \frac{9}{12}$ $\frac{2}{3} = \frac{8}{12}$

$\frac{9}{12} - \frac{8}{12} = \frac{1}{12}$

I can subtract fractions with the same denominator.

$\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$

$\frac{1}{4} + 2 = \frac{1}{8}$

$\frac{1}{3} \times \frac{2}{5} = \frac{2}{15}$

$\frac{2}{5} + 3 = \frac{2}{15}$

Year 6 Term 3

Adding mixed numbers: $2\frac{5}{8} + 1\frac{1}{4}$

Add the whole numbers.

Add the fractions by finding a common denominator.

$\frac{1}{4} = \frac{2}{8}$

$= 3\frac{5}{8} + \frac{2}{8} = 3\frac{7}{8}$

Subtracting mixed numbers: $2\frac{1}{8} - 1\frac{1}{4}$

Subtract the whole numbers.

Subtract the fraction by finding a common denominator.

$\frac{1}{4} = \frac{2}{8}$

Or on a number line.

denominator numerator proper improper equivalent

$\frac{3}{5} - 3 = \frac{1}{5}$

$\frac{8}{9} + 4 = \frac{2}{9}$

$20 \times 3 = 60$

$10 \times 3 = 30$

$4 \times 3 = 12$

$x \begin{array}{r} 14 \\ 230 \\ 322 \\ \hline \end{array}$

$\begin{array}{r} 623 \\ \times 67 \\ \hline 4361 \\ 37380 \\ \hline 41741 \end{array}$

In my head? With jottings? Formal written method?

$426 \times 50 = 426 \times 100 \div 2 = 42600 \div 2 = 21300$

$30 \times 99 = 30 \times 100 - 30 \times 1 = 3000 - 30 = 2970$

Year 5 Term 3

$04 \times 7 = ?$
If I know $4 \times 7 = 28$ then I also know that $04 \times 7 = 28$ because it is ten times smaller.

$24 \times 3 = ?$
If I know $24 \times 3 = 72$ then I also know $24 \times 3 = 72$ because it is ten times smaller.

$9423 \div 3 = 3140 \text{ r } 3$

divisor dividend quotient remainder

If I know... then I also know... because...

$6 \overline{) 3437}$

Congruent shapes are exactly the same shape and size.

congruent object image reflect translate

Translate the triangle 3 squares left and 2 squares down.

Reflect the triangle in the horizontal line.

The image is the same distance from the mirror line as the object.

Reflect the triangle in the vertical line.