



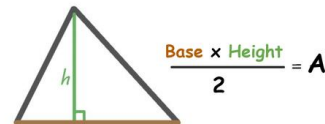
Wessex Class Newsletter Term 3



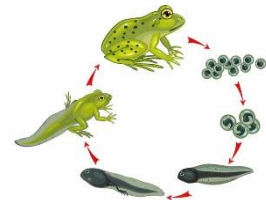
English This term, in Wessex Class, we will be using the book 'A Girl of Ink and Stars' to inspire our writing. We will be creating our own mythical creatures and writing to create suspense. We will then write non-chronological reports based on these creatures, using punctuation for parenthesis. In Reading, we will be using the same book, building on retrieval, inference and summarising skills.



Maths This term, Year 6 will start by exploring angles and geometry. Then we will use our knowledge of fractions and percentages to explore ratio and proportion. Finally, we will learn about converting units of measure and area and volume of shapes.



Science Our Science topic will be Living things and their habitats. We will learn about different life cycles including a mammal, amphibian, insect and a bird. We will also learn about the characteristics of vertebrates and invertebrates.



History Our History topic this term is about the Vikings. We will build on our learning about the Anglo Saxons and find out who the Vikings were and where they came from. We will learn about the Bayeux Tapestry and its importance to our understanding of history.

What else are we learning?

Our **PSHE** learning this term is Dreams and Goals. We will be setting ourselves goals and considering how we can make a difference. In **PE**, we will be doing gymnastics and developing skills to competently perform a routine. Our **RE** lessons will evaluate different beliefs about eternity. In **Computing**, we will be developing our programming skills using Scratch. In **Art** we will be exploring how artists use a variety of media to capture spirit of a place. We have been loving enjoying **French** and will be continuing to learn about the alphabet and basic phrases.



What do we need to remember?

- Read at home every day and record in your reading record.
- Complete Doodle Learning using the free apps at home
- Attend SATS booster clubs on Tuesdays and Thursdays.

Children need to come to school in PE kits on **Tuesdays** and should be ready for Outdoor learning on **Fridays**. They need to be prepared for all weather. Remember forest school hoodies are compulsory.

Maths Knowledge Organiser

Percentage Calculations

0 24 60 120 180 240

0 10 25 50 75 100

Find 25% of 240 → 60
Find 50% of 240 → 120
Find 10% of 240 → 24

240 (100%)

- 5% → 12
- 10% → 24
- 20% → 48
- 25% → 60
- 50% → 120
- 1% → 2.4
- 2% → 4.8

Scale factor 3

4cm → 12cm
2cm → 6cm

3 green for every 2 yellow

green	yellow	total
3	2	5
6	4	10
9	6	15

Colin and Coco share £60
Coco gets 3 x more than Colin.

Colin: []
Coco: [] } £60

so 1 part = $60 \div 4 = 15$
So Colin gets £15
and Coco gets $15 \times 3 = £45$

scale factor similar
equivalent percentage

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Converting units by multiplying and dividing by 10, 100 and 1000

M	HTh	TTh	Th	100s	10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				1	3	6			
			1	3	6	0			
						1	3	6	
						0	1	3	6

Ten times greater
Ten times smaller

136 × 10 = 1360
136 × 1000 = 136000
136 ÷ 10 = 13.6
136 ÷ 100 = 1.36

1m = 100 cm
136 × 100 = 13600
so 136m = 13600cm

1cm = 10 mm
136 × 10 = 1360
so 136cm = 1360mm

1km = 1000 m
136 × 1000 = 136000
so 136km = 136000m

1l = 1000 ml
13600 ÷ 1000 = 13.6
so 13,600ml = 13.6litres

1kg = 1000 g
1360 ÷ 1000 = 1.36
so 1360g = 1.36kg

When converting from a larger unit to a smaller unit, multiply because there will be more of them.

Area of a parallelogram = base × perpendicular height

6cm × 10cm = 60cm²

Area of a triangle = $\frac{1}{2}$ × base × perpendicular height

$\frac{1}{2} \times 10 \times 6 = 30\text{cm}^2$

Volume of a cuboid = length × width × height

12cm × 5cm × 4cm = 240cm³

Volume of a cube = side × side × side

4cm × 4cm × 4cm = 64cm³

convert perpendicular area squared volume cubed

Equivalent Fractions

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

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

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

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

Equivalent Fractions

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

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

denominator numerator proper improper equivalent