

Welcome back to Year 6

I hope you had a lovely break

Welcome back to a term and our new topic for the term; Crime and Punishment. If you would like any help this term or have any questions about our learning, please let me know.

You can contact me at kplayer@shaw.wilts.sch.uk or on the class Dojo



Crime and Punishment



Year 6 are going on a journey through British history as they discover how crime and punishment has changed throughout the ages. Beginning with the Romans and travelling right through to the present day. Neptune Class will discover how changes in society create changes in the kind of crimes that are committed, as well as the ways in which they are punished.

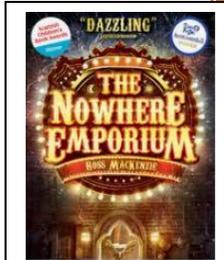
ENGLISH

Writing

T2: Creative writing based on the book *The Nowhere Emporium* by Ross Mackenzie. Set all over the world, and in different periods in time this book thrilling book will inspire us to write, biographies, narratives, posters, leaflets, diaries and more.

Grammar

- Sentence types including subordinate
- adverbial phrases.
- Tenses
- Paragraphing
- Improving language choices
- Editing and improving



SCIENCE

Humans including animals

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans

HOMEWORK

We will continue to be using Class Dojo to set homework on Fridays; please upload by following Wednesday (see extra info).

Each week there will be reading, spelling and maths homework (with additional grammar from January).

Please email me if you have concerns about your child's homework.

READING

We will continue to have three reading sessions a week to support and develop our reading skills. We will be focusing on the reading VIPERS (vocabulary, infer, predict, explain, retrieve, summarise/ sequence) using pictures, film, short books and extracts from longer books. We will be using 'Bug Club' for individual reading books; if you have any problems do get in touch so we can fix it as quickly as possible.

Remember the expectation is to read at least 4 times a week at home.

MATHS

T2 Fractions, Decimals and Percentages

Simplify fractions, equivalent fractions, ordering fractions, equivalent fractions for simple percentage fractions.

T2 Geometry: Properties of shape (Angles)
Finding missing angles at a point, straight line, triangles and when vertically opposite.

T2 Geometry: Properties of shape
Recognise and draw 2D and 3D shapes, nets and classifying shapes

T2 4 operations
calculations involving a mixture of multiplication/division and

Other Learning this term

PSHE: T2: Celebrating difference: understanding different perceptions of what normal means, understanding disability, power struggles- ways people have power over another, why people use bullying behaviours, celebrating people with disabilities who lead amazing lives.

French: Continuation of Niveau Blanc modules

Art and DT: Graffiti art

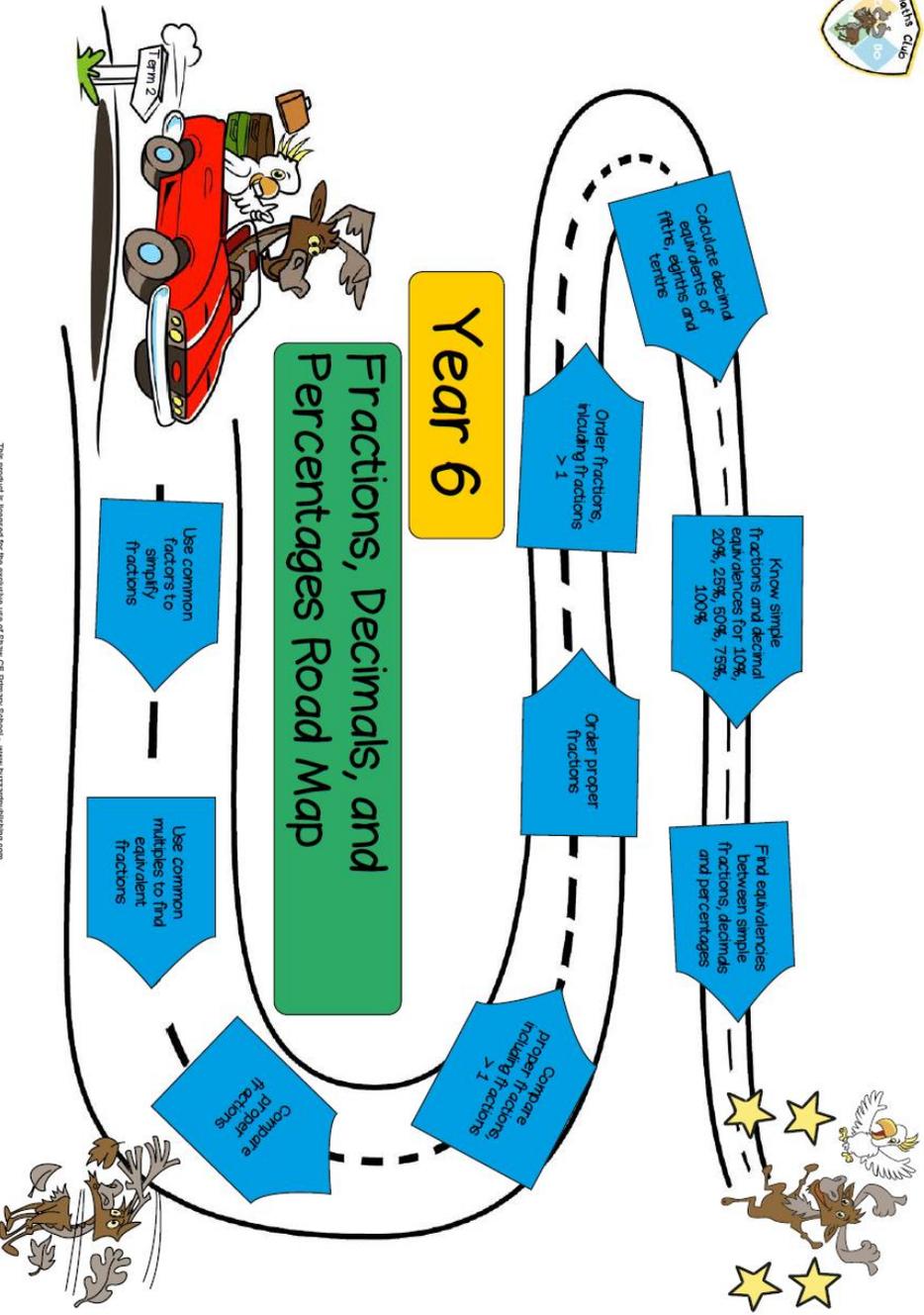
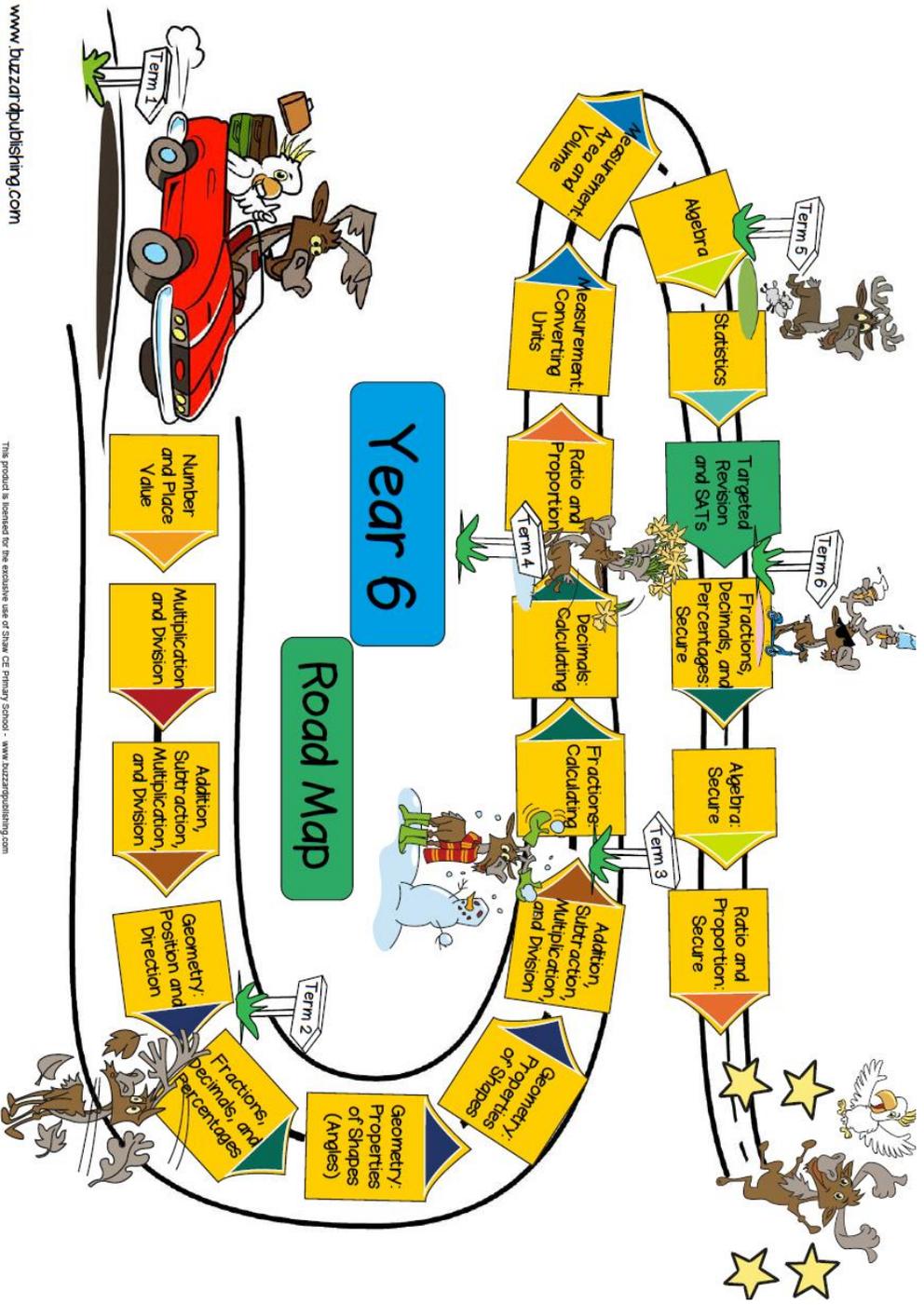
Music: Charana: Classroom Jazz- Enjoying the music of Bacharach Anorak and Meet the Blues.

RE: T3: Christianity: Creation and science: conflicting or complementary?

Computing: Multimedia:- Creating animations using 2anmate code. **Esafety will be taught every lesson**

PE

PE lessons will be on Tuesday & Thursday afternoon all taught by Mrs Draper. Children should come to school wearing their PE kit on these days. Correct PE kit is as follows: black/dark shorts, joggers or leggings; plain white t-shirt; and trainers. Children should wear Shaw jumpers/cardigans over their kit- they are NOT permitted to wear other hoodies over sweatshirts. Earrings will need to be removed or covered with tape supplied from home.



Simplify $\frac{7}{14}$



7 and 14 have the common factor 7

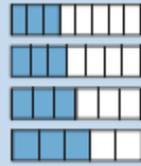
$$\frac{7}{14} = \frac{1}{2}$$

Compare

$$\frac{3}{8} < \frac{3}{7}$$

$$\frac{3}{7} < \frac{3}{6}$$

$$\frac{3}{6} < \frac{3}{5}$$



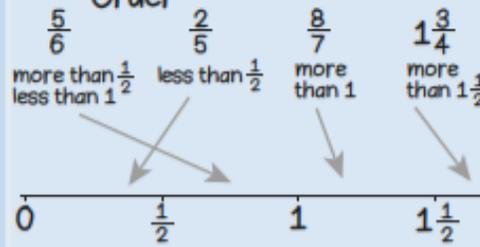
The larger the denominator the smaller the equal parts.

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



so $\frac{3}{4} > \frac{2}{3}$ because $\frac{9}{12} > \frac{8}{12}$

Order



Order of Operations

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

$6 \times 4 \div 2 = 12$ 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

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

$0.75 = \frac{3}{4}$
 $0.5 = \frac{1}{2}$
 $0.33... = \frac{1}{3}$
 $0.25 = \frac{1}{4}$
 $0.2 = \frac{1}{5}$
 $0.1 = \frac{1}{10}$



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

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

simplify equivalent proper improper percent

Year 6 Term 2



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

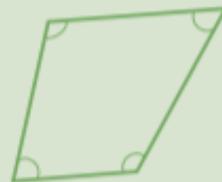
vertically opposite radius diameter circumference



The sum of the angles in a triangle is 180°

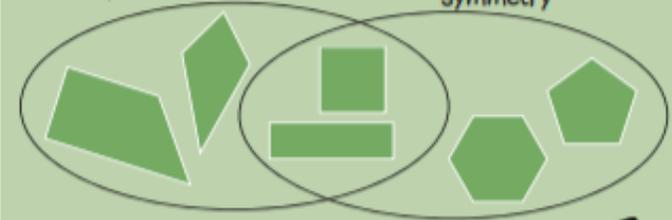


The sum of the angles in a quadrilateral is 360°



quadrilaterals

at least 2 lines of symmetry



	curved surface	no curved surface
prism		
not a prism		

properties symmetry parallel prism pyramid





The Circulatory and Respiratory System

STAYING HEALTHY



Cigarettes contain huge amounts of chemicals which can cause lung damage and lung cancer.



Fatty foods can clog blood vessels and cause a heart attack.

Red blood cells are pushed around your body by your heart, which acts like a pump, beating about 100,000 times a day!



As the blood cells reach your heart, they pass through valves, which are like doors and only open one way, keeping blood pumping in the same direction.

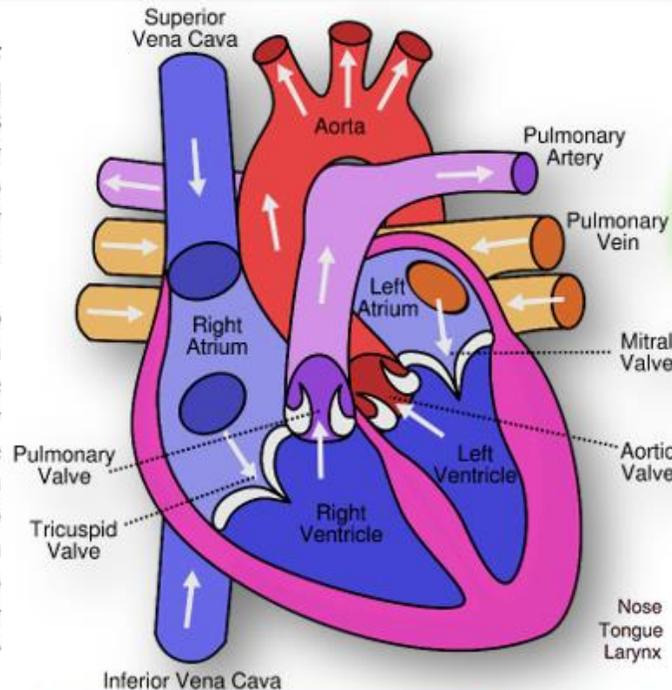


Blood is pumped to the lungs to pick up oxygen (O₂) which has been inhaled (breathing in). It then goes back to the heart to get pumped to every other part of the body

As it drops off oxygen around the body, it picks up carbon dioxide (CO₂) to take back to the lungs for the lungs to exhale (breathing out).

Nutrients (made from eating carbohydrates, fats and proteins) allow your body to perform daily activities.

Enzymes help break food down in the digestive system and they become useable nutrients, which are absorbed into your bloodstream and passed to parts of your body through the

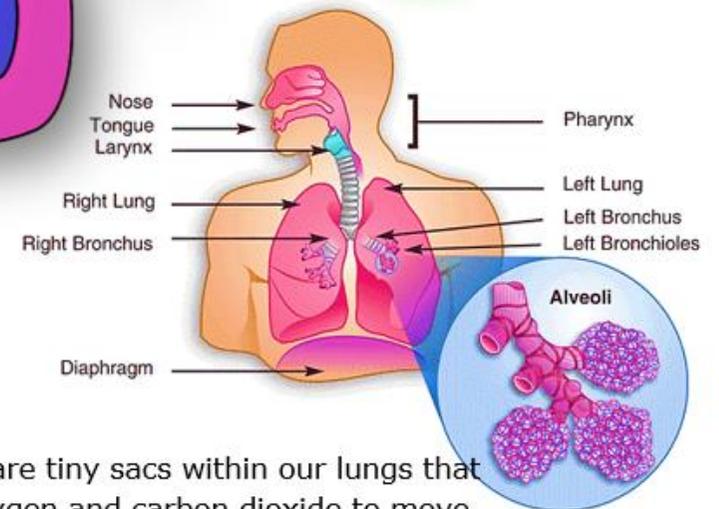


If someone loses a lot of blood, they can have a transfusion when blood from others can be pumped in. There are 4 main blood groups: A, B, AB and O.



Blood Vessels

- 1.) **Arteries** – Take blood AWAY from the heart to the body organs and tissues. When blood is pumped through these, you can feel your pulse.
- 2.) **Veins** – Take blood TOWARDS the heart from body organs and tissues,
- 3.) **Capillaries** – Tiny blood vessels which take the blood into organs and tissues.



Alveoli are tiny sacs within our lungs that allow oxygen and carbon dioxide to move between the lungs and the bloodstream.