

YEAR 6 - Autumn Term

Science

Light

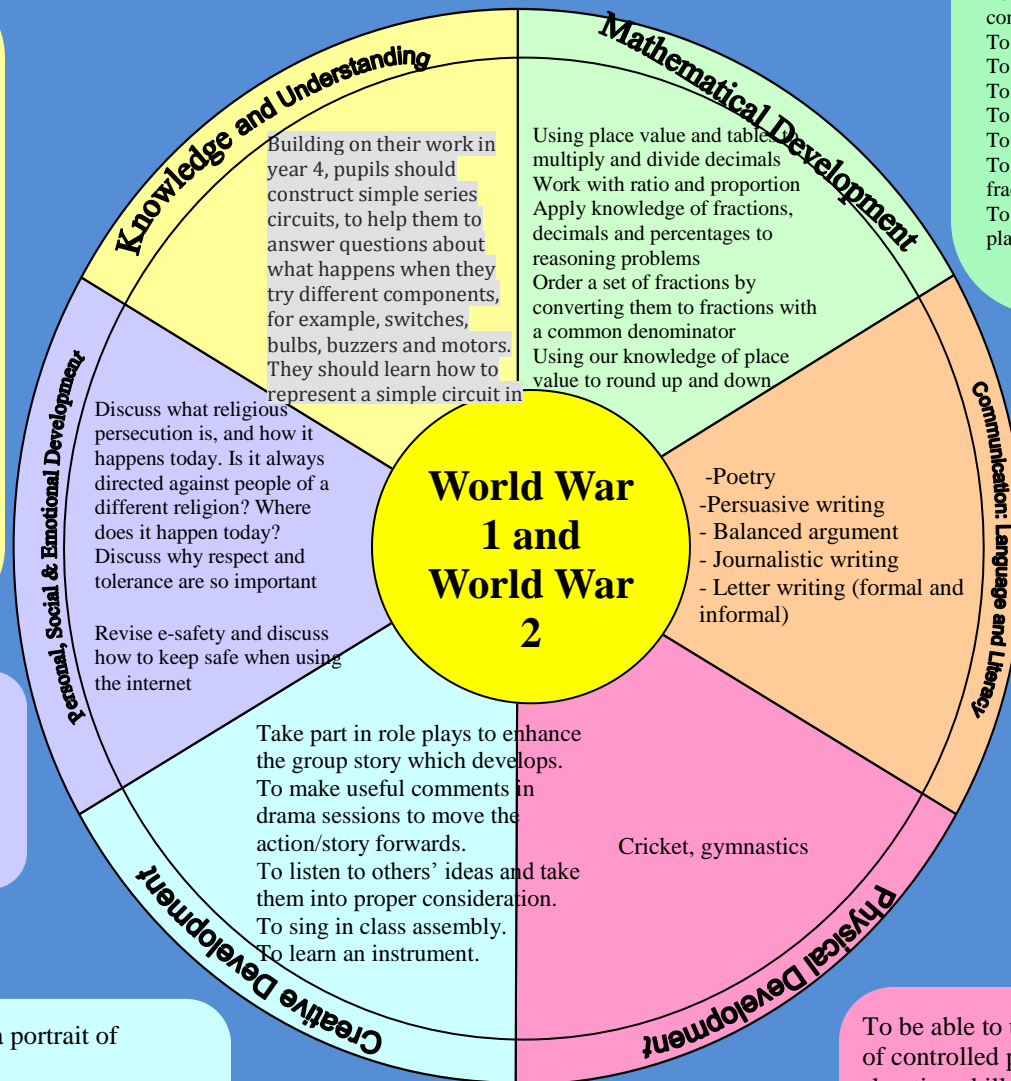
- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram

ICT

Create an online WW2 timeline
Record our Winston Churchill speeches

To understand how and why the Jews were persecuted during WWII
To discuss why religious tolerance is so important
E-safety and using technology safely
How to earn other peoples' respect

Use pastel and chalk to create a portrait of Winston Churchill
Use a variety of materials to design and make a gas mask
Use charcoal to create a ghostly chiaroscuro piece
Use a variety of materials to make a collage of WW2 transport



To be able to solve problems involving the place value of numbers including decimals
To be able to multiply and divide decimals by whole numbers
To be able to understand ratio and proportion
To be able to identify any 2D and 3D shapes
To be able to obtain the area and perimeter of compound shapes
To be able to use coordinates in the first quadrant to draw, locate and complete shapes that meet given properties
To be able to select and use standard metric units of measure and convert between units using decimals to two places
To be able to add and multiply fractions
To be able to order and simplify fractions
To be able to find the area and perimeter of 2D shapes
To be able to find equivalent fractions, decimals and percentages
To be able to multiply and divide decimals
To be able to solve multi-step problems involving decimals, fractions and percentages
To be able to order, position and round decimals to 3 decimal places

To be able to use a range of punctuation in writing
To be able to use a range of complex and simple sentences in writing
To be able to identify different parts of a sentence e.g. articles, prepositions, conjunctions
To be able to develop ideas across a piece of writing, and use appropriate conjunctions to contrast conflicting ideas
To make sure that writing is appropriate for an audience
To edit and improve work including re-drafting
To practice retrieving information for texts
To give an opinion about a text, using quotations and analysis

To be able to understand and demonstrate a range of controlled passing, receiving, striking and shooting skills
To be able to play in a range of small sided games
To understand how to play in a range of positions and how to organise a team to focus on attack or defence
Hone co-ordination, team work and leadership skills.