

Cleves School Curriculum Map

Year 6 - SUMMER 2016

'ALTERED STATES'

Maths

Number

- o Use simple formulae
- o Express missing number problems algebraically
- o Find pairs of numbers that satisfy an equation with two unknowns
- o Enumerate possibilities of combinations of two variables
- o Generate and describe linear number sequences
- o Perform mental calculations, including with mixed operations and large numbers
- o Consolidate solving problems using more than one of the four operations
- o Check answers to calculations with mixed operations and large numbers, choosing the most appropriate method, including estimation, and determining, in the context of a problem, an appropriate degree of accuracy
- o Multiply one-digit numbers with up to two decimal places by whole numbers
- o Use written division methods in cases where the answer has up to two decimal places
- o Multiply simple pairs of proper fractions
- o Divide proper fractions by whole numbers
- o Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Measurement

- o Use, read and write standard units with up to three decimal places, including converting from smaller to larger units and vice versa
- o Solve measurement problems with decimal notation up to three decimal places and approximate equivalences between metric and imperial measurements
- o Recognise that shapes with the same areas can have different perimeters and vice versa
- o Calculate the area of parallelograms and triangles
- o Recognise when it is possible to use formulae for area and volume of shapes
- o Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter of a circle is twice the radius

Geometry

- o Draw 2-D shapes accurately using given dimensions and angles (*)
- o Compare and classify geometric shapes based on increasingly complex geometric properties and sizes
- o Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles

Statistics

- o Interpret data in pie charts
- o Present data using pie charts and line graphs
- o Solve problems using pie charts and line graphs
- o Calculate and interpret the mean as an average

Literacy

- **Reading**
 - To draw inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence
 - Predict what might happen from details stated and implied
- **Writing**
 - 3rd person and 1st person narrative writing inspired by Drama workshops and the text 'Friend or Foe'
 - Balanced argument based on 'Friend or Foe'
 - Empathetic narrative inspired by the text Rose Blanche.
 - War poetry.
- **SPAG - Spelling, Punctuation and Grammar**
 - To spell accurately and apply spelling rules (and their exceptions) in all written work
 - To understand grammar terminology and use it correctly
 - To use a wide range of punctuation and vocabulary accurately for effect

Computing

Computer Science

- Debug own and others' computer programs
- Design efficient solutions to problems by creating algorithms that use the fewest steps.
- Put together algorithms created by others to solve problems.

Digital Citizenship

- Digital Etiquette and Responsible use of Social Media
- Recognising and Resolving e-safety concerns
- Responsible use of Technology

Science

Properties and Changes of Materials

- To compare and group together materials based on evidence from comparative and fair test, including their hardness, solubility, transparency, conductivity, and response to magnets
- To give reasons for the particular uses of everyday materials including metals, woods and plastic

More about Forces

- Understand that force and motion can be transferred through mechanical devices such as gears, levers, pulleys and springs

Animals, Including Humans

- Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function

<p style="text-align: center;">PSHE/Philosophy</p> <p>Moving On</p> <ul style="list-style-type: none"> • Preparing for Secondary School transition, including induction visits <p>Junior Citizens</p> <ul style="list-style-type: none"> • Personal safety (including 'stranger danger', basic first aid, fire safety & online safety at Walton Fire Station) <p>Sex Education and Relationships</p> <ul style="list-style-type: none"> • To identify some of the changes that occur during puberty for both boys and girls • To learn about personal hygiene, particularly when going through puberty • To explore some of the different emotions that might be experienced during puberty. 	<p style="text-align: center;">History/Geography</p> <p>World War II</p> <ul style="list-style-type: none"> • Can examine periods in world history; identifying contrasts with and influences on British society at the time. • Can discuss the impact and causes of historical changes in Britain. • Can create historically valid questions about cause and significance. • Can make links between events and changes; giving reasons for them and explaining the result. • Can make links between events and changes; giving reasons for them and explaining the result. <p>Local Issue – to explore the concept of a Cleves walking bus.</p> <ul style="list-style-type: none"> • Can follow a route on a small scale map. • Can use a range of maps to plan the quickest route and find alternative routes. • Can use digital/computer mapping to locate places in the KS2 PoS. • Can use photographs and standard and non-standard measurements to create an accurate map of an area. 	<p style="text-align: center;">RE</p> <p>Who are the Jews?</p> <ul style="list-style-type: none"> • To learn about the origins of Judaism • To investigate a range of artefacts and what they tell us about Judaism • To learn about Jewish beliefs and customs <p>What does it mean to be a Jew?</p> <ul style="list-style-type: none"> • To learn about Jewish worship, including visiting Weybridge Synagogue • To find out how Jewish people celebrate important milestones • To learn about key Jewish festivals and how and why these are celebrated • To learn about the treatment of Jews during the Second World War - Anne Frank
<p style="text-align: center;">Art</p> <ul style="list-style-type: none"> • Art inspired by the topic work WW2. • Themed sketching skill development work based upon 'People In Action' Drawing from first hand observation. • Monotone artwork. Abstract Expressionism based upon the work of Franz Kline. • Use of black and white photos of London during the Blitz. • Large scale mixed media pieces. 	<p style="text-align: center;">PE/Games</p> <p>GAMES:</p> <ul style="list-style-type: none"> • Cricket • Rounders • Athletics • Tennis • Basketball <p>PE</p> <ul style="list-style-type: none"> • Sports Hall Athletics <p>DANCE</p> <ul style="list-style-type: none"> • Linked to production 	<p style="text-align: center;">Design Technology</p> <ul style="list-style-type: none"> • What different effects food types have on the body. e.g. The impact of eating too much sugar • to make a savoury dish and can select the appropriate tools to follow a given recipe. • The children will link this with 'Dig For Victory.'

Music

- Beatboxing and Hip Hop
- Graphical Scores
- To practise, evaluate and refine musical performance
- Leaver's Performance 'Shakespeare Rocks.'

French

- Sports and hobbies
- Sentence work with opinions
- Revision of tenses
- Revision of past topics
- Project work for consolidation

Dates for your diary

- 18th April -Immersion Week - Evacuees Drama Workshop
- 24th April - Mock SATS week
- 1st May - BANK HOLIDAY
- 8th May - SATS week
- 25th May - Football Tour departs
- Trip to Weybridge Synagogue - tbc
- 29th May HALF TERM (return 6th June)
- 5th June - INSET
- 7th-8th June - Junior Citizens Activities at Walton Fire Station
- 12th-16th June - Residential Trip
- 28th June - Upper School Sports Day (am)
- 4th-5th July Secondary School Induction Days (most schools)
- 11th July - Parent Drop-In
- 13th July Leaver's Service - St Mary's Church
- 14th July Leaver's Disco
- 17th July Cleves Production Dress Rehearsal - pm
- 18th,19th July Cleves Production - 6pm
- 21st July END of TERM 1.45pm finish.