SURBITON HIGH SCHOOL

ESTD 1884

BOYS' PREP

Year 6
Spring Term 2021

For the Greta Good?

English

Key Texts

- 'Floodland' by Marcus Sedgwick
- 'The Island' by Armin Greder
- Persuasive speeches – Greta Thunberg, Barack Obama, Malala etc.
- Extracts from 'The Tempest' by William Shakespeare
- Excerpts of William Blake poetry

Overarching Themes/Questions

- What is the impact of a disaster on human nature?
- How do people cope with disaster?
- How do people cope with death?
- What is the importance of literature to humanity?
- Exploring the link between art and literature
- To draw comparisons between a variety of texts/genres

Reading

- Reading aloud with fluency and appropriate intonation
- Analysing language use in a text and the effect it has on the reader
- Using evidence to support comments, both verbally and in written responses
- Identifying key details
- Analysing character descriptions and actions
- Making comparisons across texts

Writing

- Story Slam competition
- Descriptive narratives based on different stimulus
- Writing for purpose and with an understanding of the audience
- Using paragraphs effectively
- Integrating dialogue effectively
- Evaluating, proofreading and editing writing
- Speech writing

Oracy

- Argument/debate/discussion
- Delivering a short story

Grammar

- Passive and active voice
- Semi colons and colons
- Hyphens to avoid ambiguity

Mathematics

Number

- Solve multi-step problems and choose and use appropriate calculation strategies at each stage, including calculator use
- Open-ended problem solving, pattern spotting and enhancement of mathematical understanding
- Revision, consolidation and extension of all areas of number including numbers to 10 million, negative numbers, rounding to any degree of accuracy, roman numerals, sequences and simple algebra
- Revision, consolidation and extension of all areas of fractions, decimals, percentages and ratio, including: fractions and percentages of amounts, fraction calculations including mixed numbers, FDP equivalence and ratio and scale factor
- Revision, consolidation and extension of written and mental strategies related to the four operations, including: long division, long multiplication, (common) factors and multiples, square and cube numbers and roots, prime and composite numbers, BIDMAS

Measurement & Geometry

- Represent and interpret sequences, patterns and relationships involving shapes; suggest and test hypotheses; construct and use simple expressions and formulae in words then symbols
- Revision, consolidation and extension of all areas of geometry, including: regular and irregular polygons, types of quadrilaterals and triangles, properties of 3D shapes, angles, transformations, nets, circles and coordinates
- Revision, consolidation and extension of all areas of measurement, including: conversions of metric measures, time calculations, perimeter of polygons including composite figures, area of rectangles, triangles, parallelograms and composite figures, volume of cubes and cuboids, conversion of units of time and money, conversion of some imperial measures including miles to kilometres

Statistics

- Suggest, plan and develop lines of enquiry; collect, organise and represent information, interpret results and review methods; identify and answer related questions
- Solve problems by collecting, selecting, processing, presenting and interpreting data, using ICT where appropriate; draw conclusions and identify further questions to ask

Science

Evolution and Inheritance (continued from last term)

- Understand that fossils are evidence of life millions of years ago
- Understand the impact of Charles Darwin and Mary Anning on our understanding of evolution
- Look at how plants and animals are adapted to habitats
- Look at variations between species and how physical characteristics are inherited

Light

- Recognise that light appears to travel in straight lines
- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Plan and investigate the reflectiveness of materials and make links with their different uses

- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

Working Scientifically
- Planning enquiries
- Taking measurements
- Recording data and results
- Using test results to record predictions
- Reporting and presenting findings
- Identifying scientific evidence that has been used to refine ideas

Humanities

For The Greta Good? - "No one is too small to make a difference."
- Teenage environmental activist, Greta Thunberg, started school strikes to try and force people to take climate change more seriously. But is any cause important enough to take children out of schools? Isn't this sort of protest best left to adults who have the power to vote the decision-makers out of office? Or have the adults shown themselves unwilling or unable to make their voices heard?
- Think of a five-point plan to get world leaders to act on climate change
- Think of slogans of your own to publicise the importance of tackling climate change
- Ask questions to learn about the environment and pollution
- Recognise problems and patterns with pollution, recycling
- Human impact on the environment – how can we make a change?
- Reduce/reuse/recycle

Philosophy and Religious Studies

Philosophy and the Environment

Discussion and debate will include:
- Do all beings impact the planet?
- Do humans have a right to genetically modify species?
- What is the relationship between humans and the environment?

Religion
- How do Jewish people celebrate?
- Special meals
- Traditional celebrations
- Festivals

Computing

E-safety
- Identify how the media play a powerful role in shaping ideas about girls and boys
- Understand how a stereotype can be harmful
- Compare and discuss gender stereotypes

Film Making

- Plan, conduct and import video interviews as part of a short film
- Locate and check appropriate digital content and provide accurate crediting of sources
- Use appropriate software and other tools effectively to write a film script
- Use video editing software to turn a film project into a finished movie and present it

Kodu Programming

- Design and create a virtual environment
- Decompose code into smaller parts and explain it in their own words
- Create a racing game with a computer opponent
- Add game elements and effects, e.g. scoring, obstacles and visuals

MFL

French

- Talk about daily routine using reflexive verbs
- Reinforce regular -er verbs and time
- Talk about free-time activities using more complex language to express ideas and opinions
- Refer to the future using the verb 'aller' + an infinitive

Spanish

- Recognise, understand and recall weather phrases in Spanish
- Present the weather in spoken and written form

Drama

- Script analysis
- Developing physical awareness during performance
- Feedback and analysis of performance skills
- Improvisation on a given theme

PE

Fundamentals

- Involved in physical activities and challenges to improve endurance, body strength and fitness
- Develop resilience when taking part in challenging physical challenges and activities
- Accurate technique when carrying out a variety of body weight exercises
- Developing agility, balance, and coordination through a range of activities
- Participate in fundamental ball skill activities to improve hand-eye coordination
- Take part in competitive activities, showing excellent sportsmanship and respect for others
- Impact of mental health on sport and why it is important
- Gymnastics core strength exercises – general strength conditioning
- Development of balance and coordination
- Skill development of basic floor gymnastics elements

Rugby

- Skill development

- Introduction to contested scrum/2v2 contest at breakdown/kick from hand to retain possession
- Offload
- Positional sense
- Complex passing (switch)
- Conditioned small-sided games: 3v3, 4v4, 5v5
- Whole-game practice (9v9)
- Theory behind the sport. How to tackle effectively? How should you ruck effectively?
- Roles and responsibilities throughout the game. What roles do the backs/forwards play?
- How to present the ball correctly?
- Communication between forwards and backs
- Kicking/restarts/tactics to implement at this point of the game

Health Related Fitness
- Heart and blood
- Methods of training – Cardiovascular endurance (interval, continuous, fartlek)
- Muscular endurance/strength through circuit training activities
- Agility, speed and reaction time
- Diet – What is a healthy diet? Why is important?
- Components of fitness
- Muscles/bones in the body

Sports Leaders
- Introduction to the sports leaders award programme
- Work the way through modules and gain recognised leadership award
- Develop vital lifelong skills within physical activity and promote leadership qualities within the group

Personal Social Emotional

Living in the Wider World
- Rights and responsibilities
- Diversity
- Economic awareness
- Enterprise
- British values

Music

Theme & Variation

Composition
- Compose a short piece of music and performing it in different ways to create a larger song in demonstrating theme and variation

Listening/Appraising

- Listen to music that incorporates theme and variation. Write responses based on what was heard, incorporating musical vocabulary, focusing on key words.

Art

Art of other cultures

- Develop an appreciation of visual traditions from other cultures
- Develop understanding of symmetry in drawing
- Translate design work into 3D outcomes

Suggested Home Learning

English

- Reading - Fiction:
    - 'Journey to the Centre of the Earth' by Jules Verne
    - 'Boys in the Tower' by Polly Ho-Yen
    - 'The Last Wilds' by Piers Torday
    - 'Varmints' by Helen Ward
    - 'Mortal Engines' by Philip Reeve
    - Abridged versions of 'The Tempest'
- Reading - Non Fiction:
    - 'No One is Too Small to Make a Difference' by Greta Thunberg
    - 'First News' (uploaded weekly on Showbie)
    - 'Climate Rebels' by Ben Lerwill

- Writing
    - Use Pobble365 for daily writing stimuli. Use the images or story starter to practise creative writing

Maths

- Times Table Rockstars (TTRS) - This should be used daily for 10-15 minutes to ensure that the children have fluency enabling quick recall of all multiplication and division facts.
- Manga High – Tasks related to the current topic are assigned by the teachers. Children will also be stretched with material from the KS3 curriculum.
- Dr Frost Maths (DFM) - This is a website where exam-style questions are assigned to the children on different topics.
- Corbett Maths – Most parents have purchased the revision cards which review each topic of the KS2 curriculum. Children should revise these topics to be confident as they transition to senior school.

Science: Light

- Create your own shadow puppet story – make a set and the puppets and then tell the story
- Research and create a presentation/fact file based on any of the following scientists linked with the topic of light: Patricia Era Bath, Thomas Young, Ibn al-Haytham, Percy Shaw
- Complete an observational drawing of a light bulb (be careful not to drop it)
- Make you own periscope or kaleidoscope
- Investigate how you could see around a corner without directly looking around it! Take some pictures/record how you have been able to do it
- Investigate how you can create your own rainbow

- Can you build and make your own lighthouse?

Humanities: Geography

- The Environment and Pollution – create a poster about how households can help to improve their local environment and reduce pollution/waste.

Useful websites:
Ducksters
The World Counts
Fun Facts

- Research climate change and innovative ways people have attempted to reduce their carbon footprint
- Stay up to date with BBC Newsround

Please Note

This document exists as a general overview only.

Its content will be adapted to the needs of the cohort throughout each term, depending on resources, time constraints and cohort needs. Members of staff reserve the right to change and adapt as necessary.