

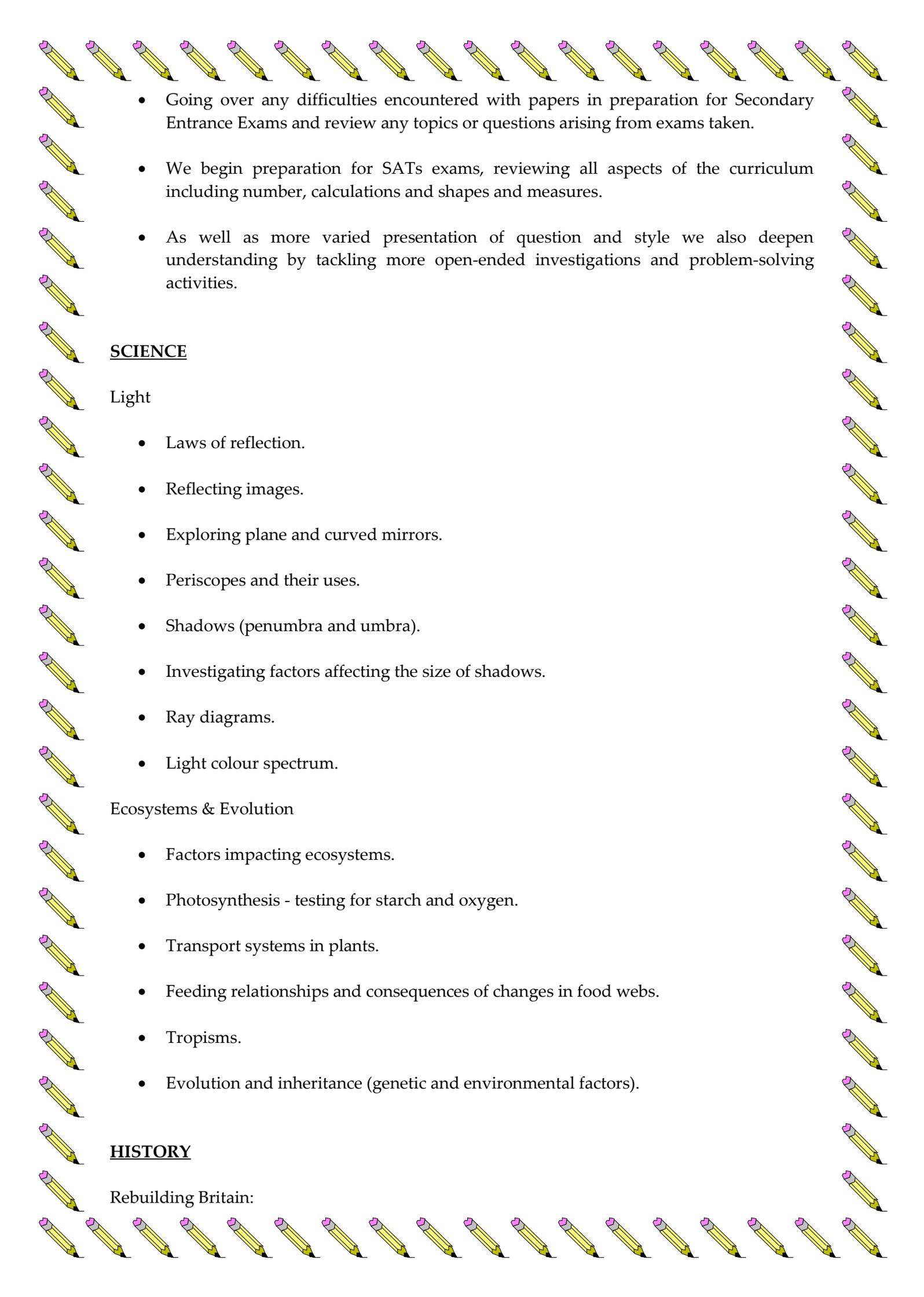
## Year 6 Curriculum Overview Spring Term 1 & 2

### ENGLISH

- The Year 6 course book forms an integral part of the curriculum and as well comprehension and writing activities there will be language revision work included on a weekly basis.
- Examination technique and practice continues with continuing focus on final preparation for the 11+ examinations.
- Preparation for the KS2 SATs will commence with a strong focus on the revision of grammar and punctuation.
- The children will be made familiar with the style of examinations that they will be taking and will have the opportunity to consolidate their reading comprehension skills extensively.
- This half term Year 6 explore a range of literature. The focus is on poems, plays and stories. 'Carrie's War' by Nina Bawden is studied in depth.

### MATHEMATICS

- Chines Tangram investigations and shape manipulation
- Balance investigation
- Factorial notation
- Circumference and area of circles
- Curves from straight lines
- Platonic solids and modification of 3D shapes
- Isometric drawing
- Historic methods of multiplication
- Scale drawing
- Tessellation

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- Going over any difficulties encountered with papers in preparation for Secondary Entrance Exams and review any topics or questions arising from exams taken.
  - We begin preparation for SATs exams, reviewing all aspects of the curriculum including number, calculations and shapes and measures.
  - As well as more varied presentation of question and style we also deepen understanding by tackling more open-ended investigations and problem-solving activities.

## SCIENCE

### Light

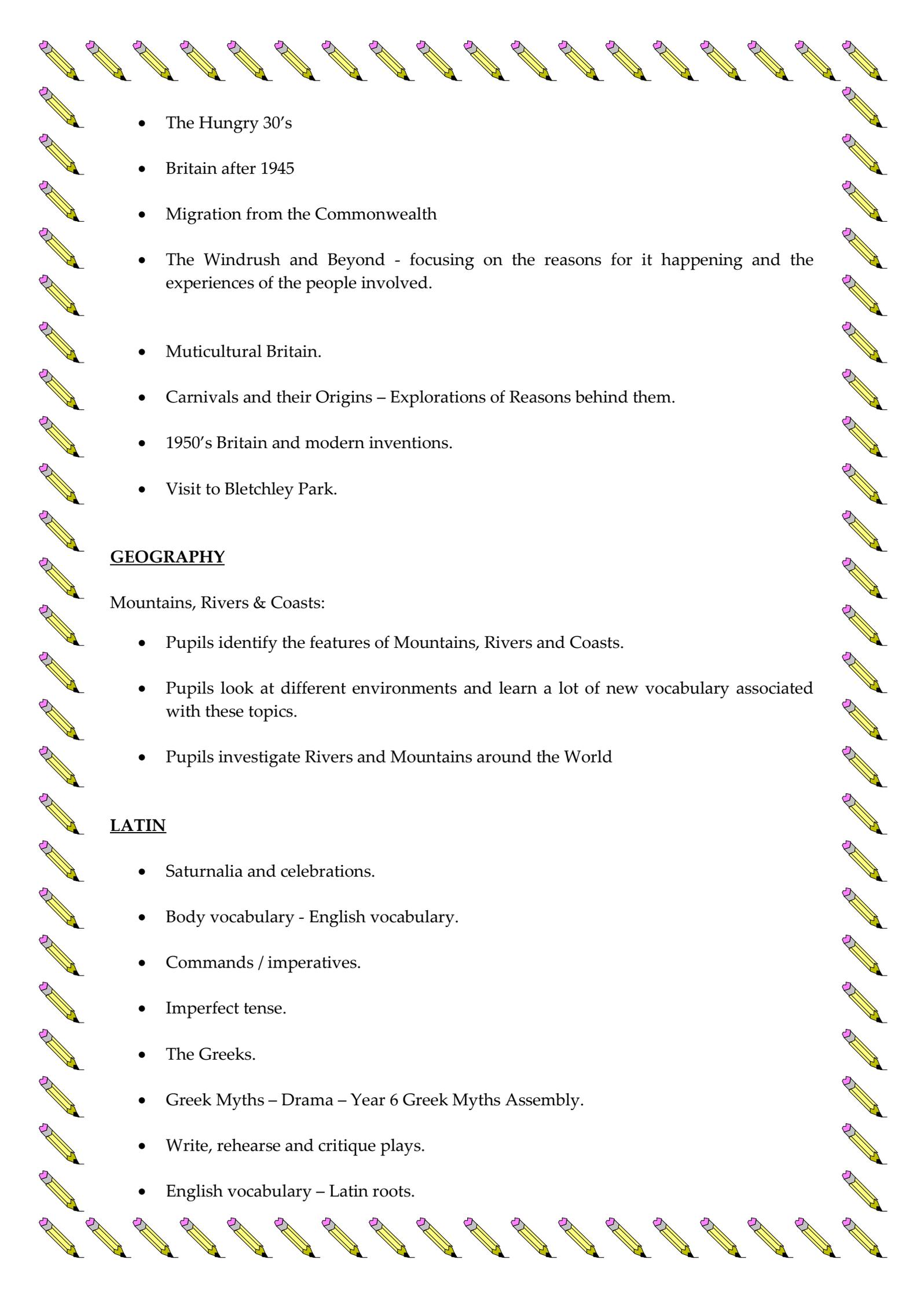
- Laws of reflection.
- Reflecting images.
- Exploring plane and curved mirrors.
- Periscopes and their uses.
- Shadows (penumbra and umbra).
- Investigating factors affecting the size of shadows.
- Ray diagrams.
- Light colour spectrum.

### Ecosystems & Evolution

- Factors impacting ecosystems.
- Photosynthesis - testing for starch and oxygen.
- Transport systems in plants.
- Feeding relationships and consequences of changes in food webs.
- Tropisms.
- Evolution and inheritance (genetic and environmental factors).

## HISTORY

### Rebuilding Britain:

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- The Hungry 30's
  - Britain after 1945
  - Migration from the Commonwealth
  - The Windrush and Beyond - focusing on the reasons for it happening and the experiences of the people involved.
  - Multicultural Britain.
  - Carnivals and their Origins – Explorations of Reasons behind them.
  - 1950's Britain and modern inventions.
  - Visit to Bletchley Park.

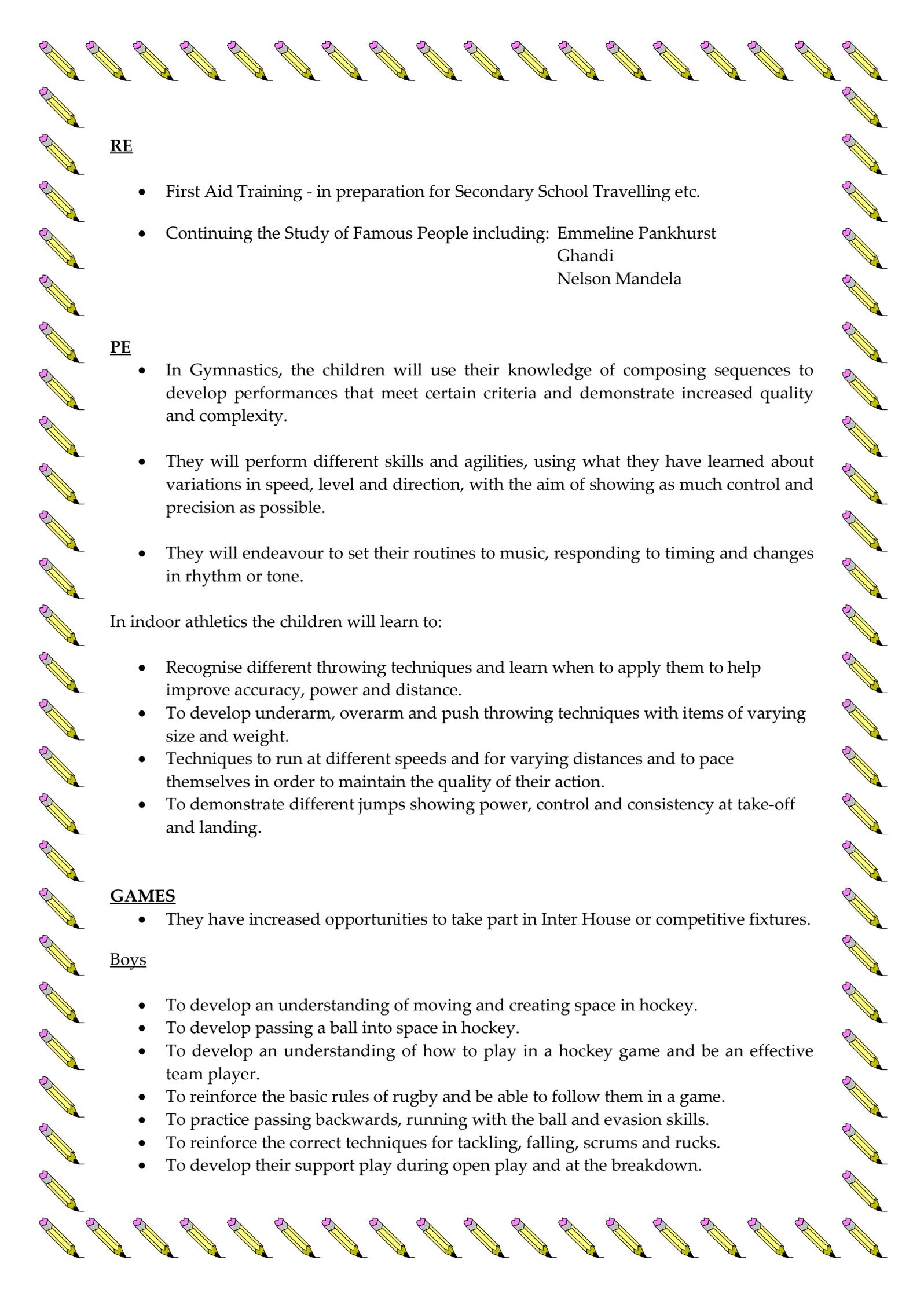
## GEOGRAPHY

Mountains, Rivers & Coasts:

- Pupils identify the features of Mountains, Rivers and Coasts.
- Pupils look at different environments and learn a lot of new vocabulary associated with these topics.
- Pupils investigate Rivers and Mountains around the World

## LATIN

- Saturnalia and celebrations.
- Body vocabulary - English vocabulary.
- Commands / imperatives.
- Imperfect tense.
- The Greeks.
- Greek Myths – Drama – Year 6 Greek Myths Assembly.
- Write, rehearse and critique plays.
- English vocabulary – Latin roots.



## RE

- First Aid Training - in preparation for Secondary School Travelling etc.
- Continuing the Study of Famous People including: Emmeline Pankhurst  
Ghandi  
Nelson Mandela

## PE

- In Gymnastics, the children will use their knowledge of composing sequences to develop performances that meet certain criteria and demonstrate increased quality and complexity.
- They will perform different skills and agilities, using what they have learned about variations in speed, level and direction, with the aim of showing as much control and precision as possible.
- They will endeavour to set their routines to music, responding to timing and changes in rhythm or tone.

In indoor athletics the children will learn to:

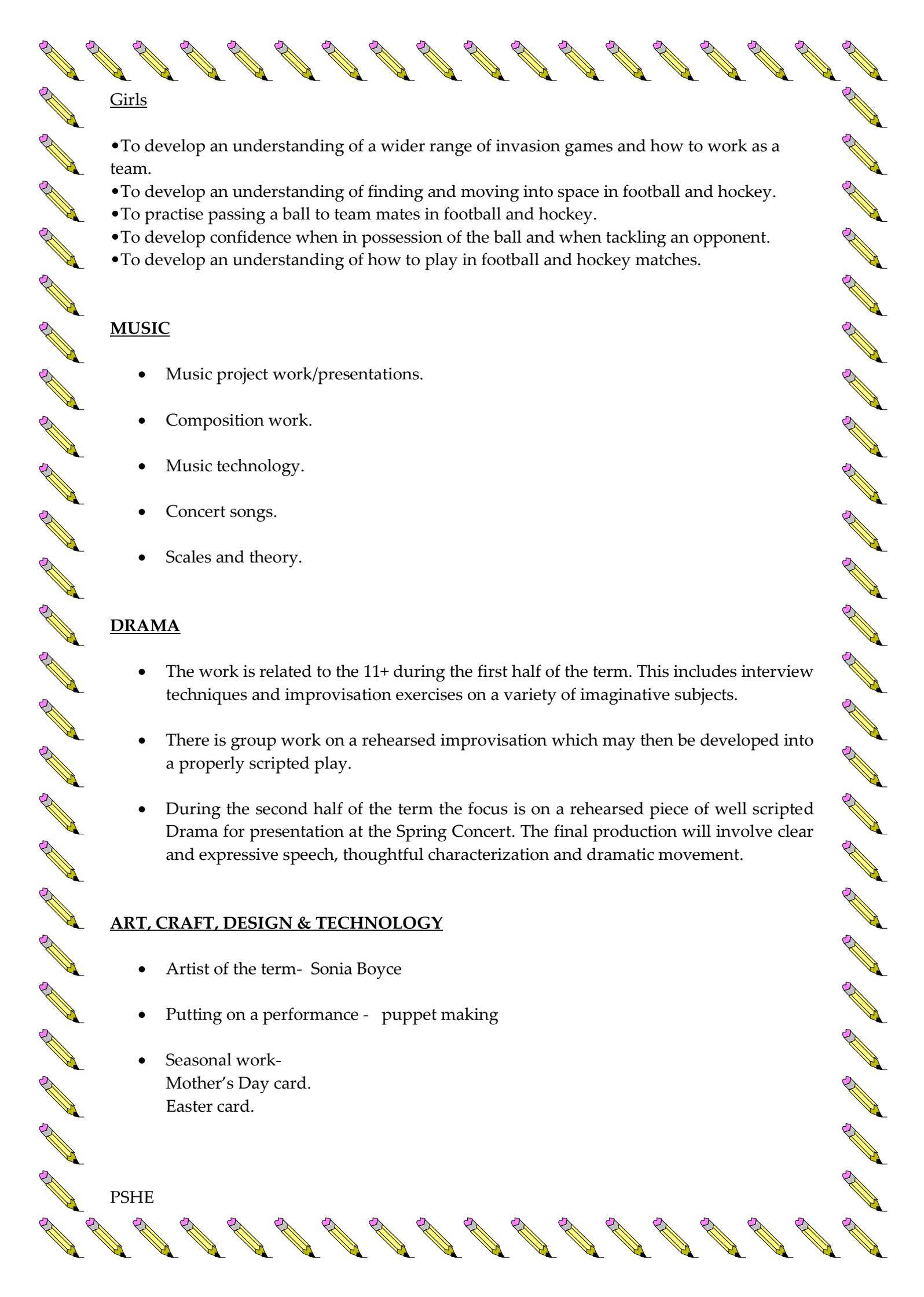
- Recognise different throwing techniques and learn when to apply them to help improve accuracy, power and distance.
- To develop underarm, overarm and push throwing techniques with items of varying size and weight.
- Techniques to run at different speeds and for varying distances and to pace themselves in order to maintain the quality of their action.
- To demonstrate different jumps showing power, control and consistency at take-off and landing.

## GAMES

- They have increased opportunities to take part in Inter House or competitive fixtures.

### Boys

- To develop an understanding of moving and creating space in hockey.
- To develop passing a ball into space in hockey.
- To develop an understanding of how to play in a hockey game and be an effective team player.
- To reinforce the basic rules of rugby and be able to follow them in a game.
- To practice passing backwards, running with the ball and evasion skills.
- To reinforce the correct techniques for tackling, falling, scrums and rucks.
- To develop their support play during open play and at the breakdown.



## Girls

- To develop an understanding of a wider range of invasion games and how to work as a team.
- To develop an understanding of finding and moving into space in football and hockey.
- To practise passing a ball to team mates in football and hockey.
- To develop confidence when in possession of the ball and when tackling an opponent.
- To develop an understanding of how to play in football and hockey matches.

## MUSIC

- Music project work/presentations.
- Composition work.
- Music technology.
- Concert songs.
- Scales and theory.

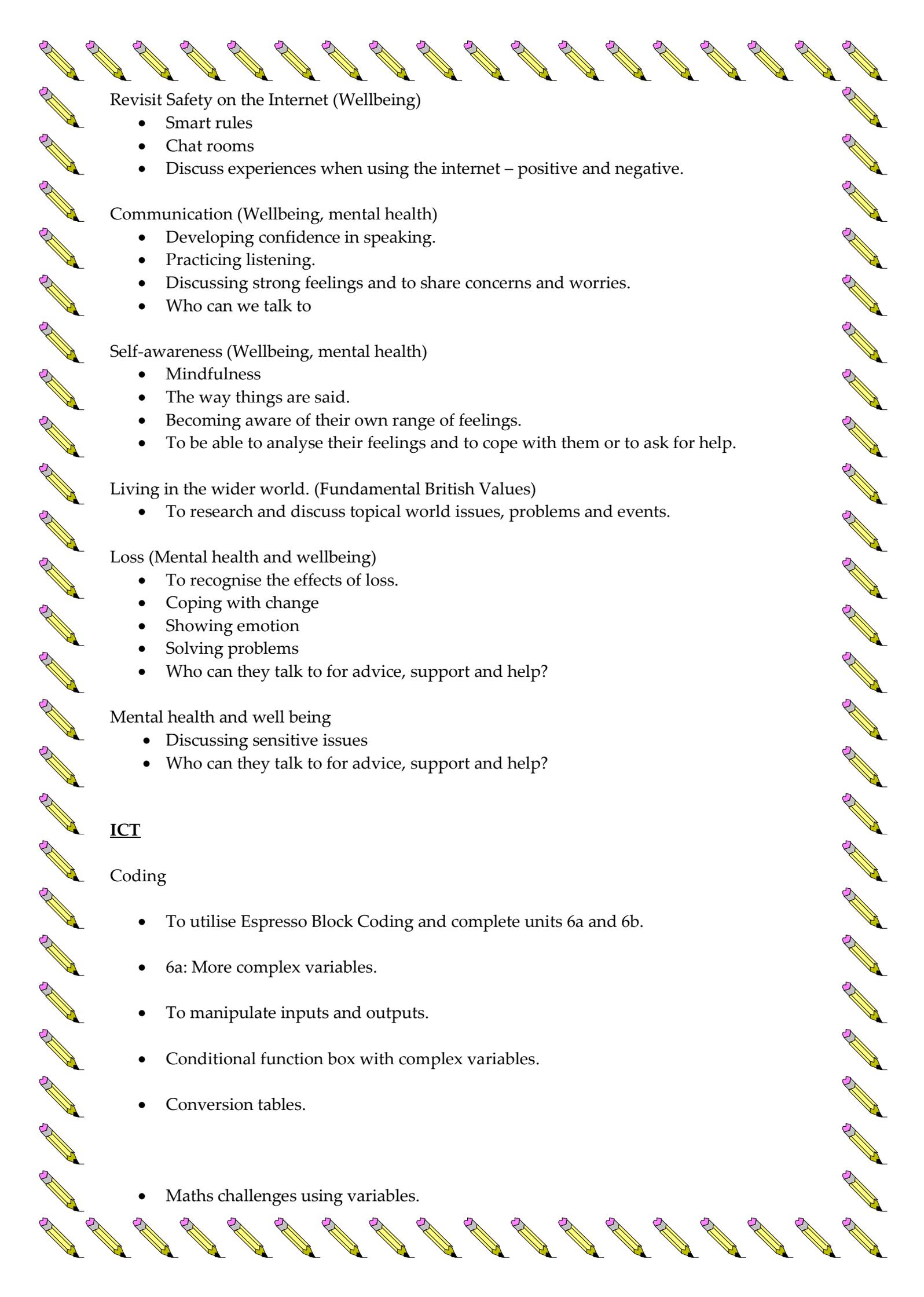
## DRAMA

- The work is related to the 11+ during the first half of the term. This includes interview techniques and improvisation exercises on a variety of imaginative subjects.
- There is group work on a rehearsed improvisation which may then be developed into a properly scripted play.
- During the second half of the term the focus is on a rehearsed piece of well scripted Drama for presentation at the Spring Concert. The final production will involve clear and expressive speech, thoughtful characterization and dramatic movement.

## ART, CRAFT, DESIGN & TECHNOLOGY

- Artist of the term- Sonia Boyce
- Putting on a performance - puppet making
- Seasonal work-  
Mother's Day card.  
Easter card.

## PSHE



Revisit Safety on the Internet (Wellbeing)

- Smart rules
- Chat rooms
- Discuss experiences when using the internet – positive and negative.

Communication (Wellbeing, mental health)

- Developing confidence in speaking.
- Practicing listening.
- Discussing strong feelings and to share concerns and worries.
- Who can we talk to

Self-awareness (Wellbeing, mental health)

- Mindfulness
- The way things are said.
- Becoming aware of their own range of feelings.
- To be able to analyse their feelings and to cope with them or to ask for help.

Living in the wider world. (Fundamental British Values)

- To research and discuss topical world issues, problems and events.

Loss (Mental health and wellbeing)

- To recognise the effects of loss.
- Coping with change
- Showing emotion
- Solving problems
- Who can they talk to for advice, support and help?

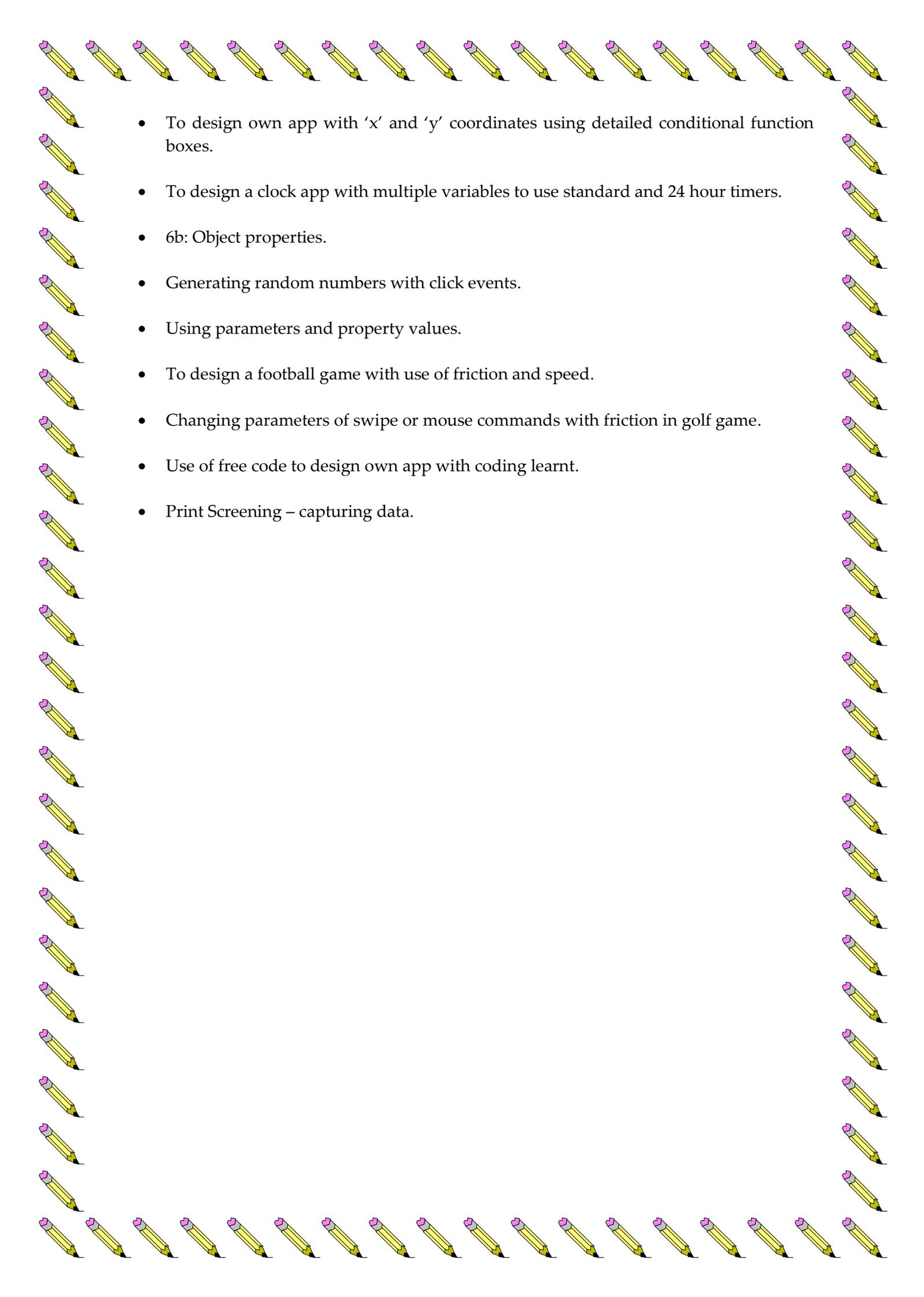
Mental health and well being

- Discussing sensitive issues
- Who can they talk to for advice, support and help?

ICT

Coding

- To utilise Espresso Block Coding and complete units 6a and 6b.
- 6a: More complex variables.
- To manipulate inputs and outputs.
- Conditional function box with complex variables.
- Conversion tables.
- Maths challenges using variables.

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- To design own app with 'x' and 'y' coordinates using detailed conditional function boxes.
  - To design a clock app with multiple variables to use standard and 24 hour timers.
  - 6b: Object properties.
  - Generating random numbers with click events.
  - Using parameters and property values.
  - To design a football game with use of friction and speed.
  - Changing parameters of swipe or mouse commands with friction in golf game.
  - Use of free code to design own app with coding learnt.
  - Print Screening – capturing data.