



## St Nicholas Church of England Primary School – Curriculum Overview – Year 6

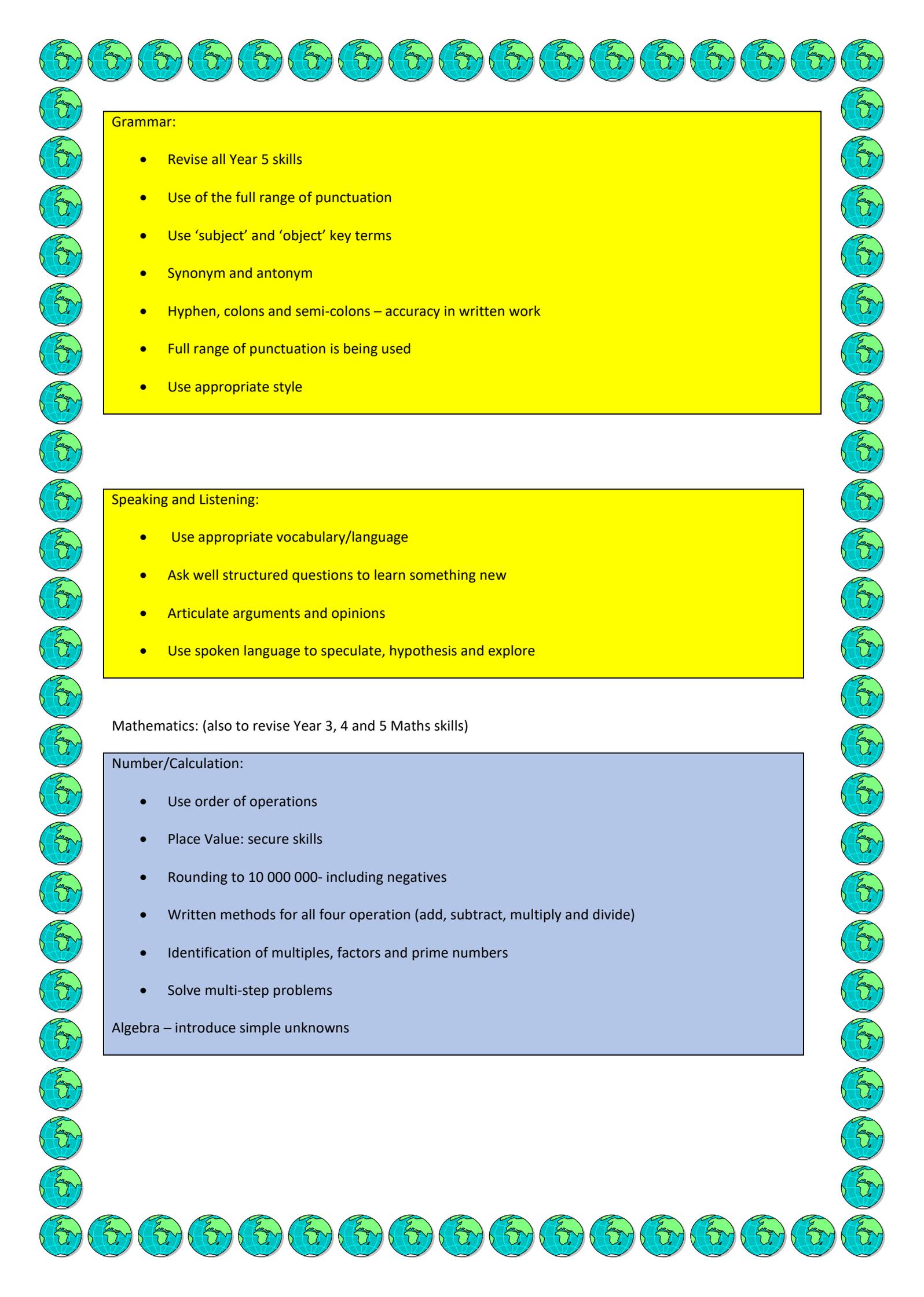
**ENGLISH:** Pupils learn to be confident speakers, listeners, readers and writers through accessing a varied and updated range of texts: Fiction – classic and modern, myths, traditional stories, stories from different cultures, and periods of time; poetry and also through non-fiction texts and experiences (drama pieces).

### Reading

- Learn a wide range of poetry by heart and to perform to an audience
- Summarise key points from texts
- Retrieve and record information from non-fiction texts
- Justify views by using evidence from the text
- Read and discuss a wide range of genre and make comparisons within/across books
- Recommend reading material to peers and adults – giving clear, coherent reasons for their choice
- Locate evidence for inferences
- Identify how language, structure and techniques contribute to meaning
- Evaluate how authors use language – eg figurative language

### Writing:

- Use a neat, individually legible joined up handwriting style
- Understand the planning, drafting, evaluating, and editing of the written word – both narrative and non-fiction writing pieces
- Use spelling strategies using prefixes and suffixes accurately and to be able to distinguish between homophones
- Identify audience for specific written task
- Use specific piece of writing as a model
- Choose vocabulary, grammar and punctuation for effect and impact
- Write in paragraphs and organise non-narrative texts appropriately.
- Create clear/apparent images through tools such as alliteration, similes, metaphors and personification



Grammar:

- Revise all Year 5 skills
- Use of the full range of punctuation
- Use 'subject' and 'object' key terms
- Synonym and antonym
- Hyphen, colons and semi-colons – accuracy in written work
- Full range of punctuation is being used
- Use appropriate style

Speaking and Listening:

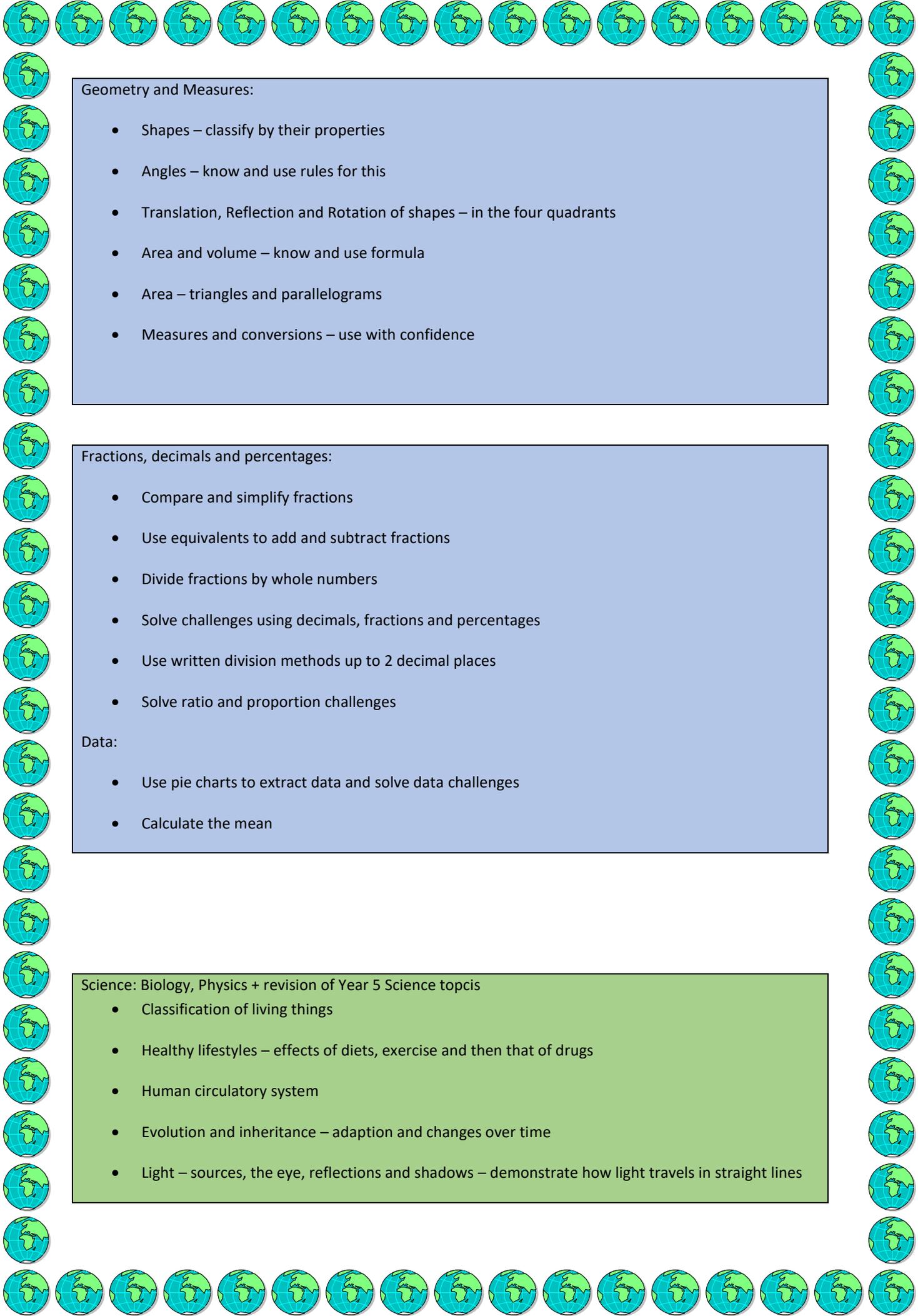
- Use appropriate vocabulary/language
- Ask well structured questions to learn something new
- Articulate arguments and opinions
- Use spoken language to speculate, hypothesis and explore

Mathematics: (also to revise Year 3, 4 and 5 Maths skills)

Number/Calculation:

- Use order of operations
- Place Value: secure skills
- Rounding to 10 000 000- including negatives
- Written methods for all four operation (add, subtract, multiply and divide)
- Identification of multiples, factors and prime numbers
- Solve multi-step problems

Algebra – introduce simple unknowns



Geometry and Measures:

- Shapes – classify by their properties
- Angles – know and use rules for this
- Translation, Reflection and Rotation of shapes – in the four quadrants
- Area and volume – know and use formula
- Area – triangles and parallelograms
- Measures and conversions – use with confidence

Fractions, decimals and percentages:

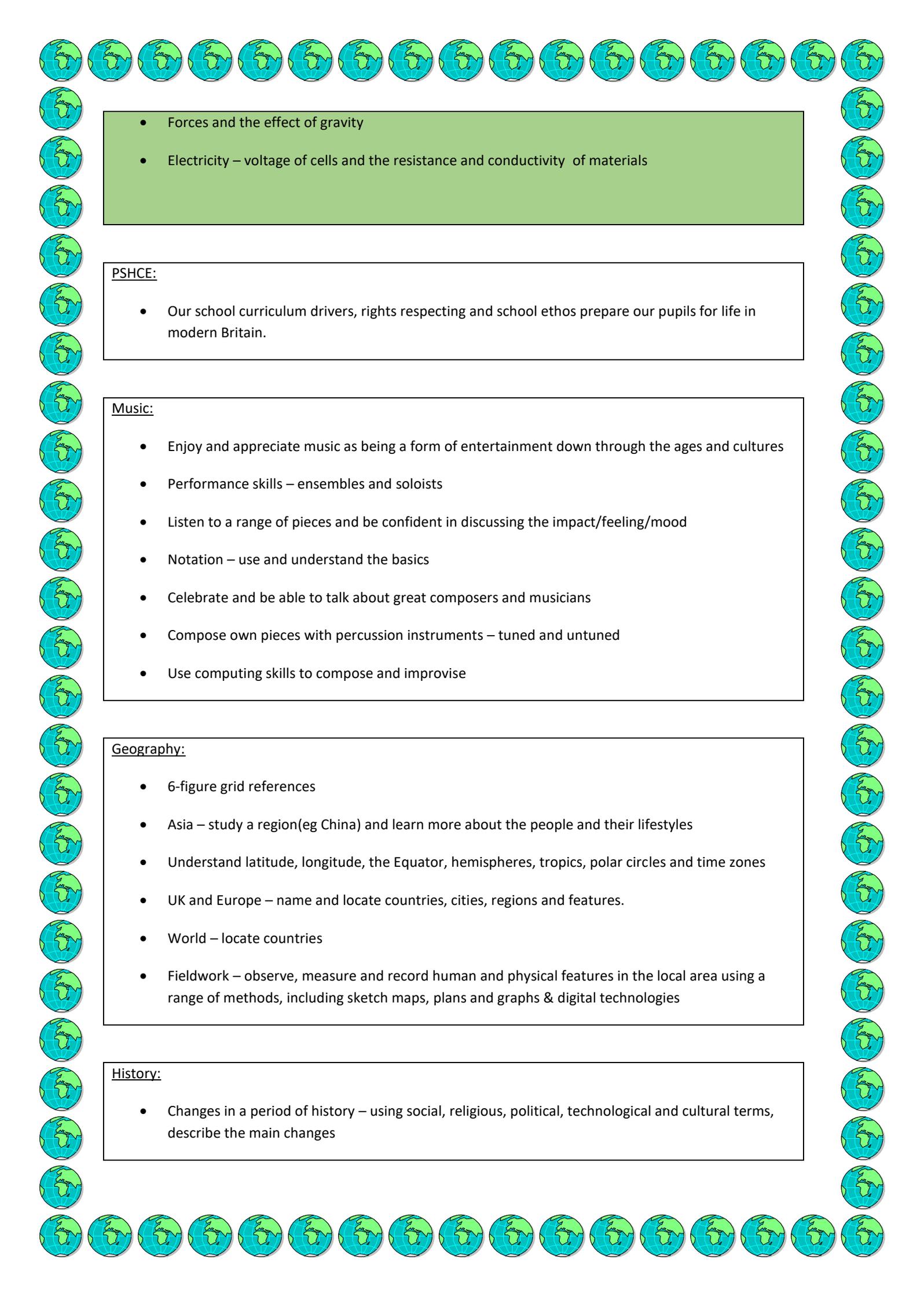
- Compare and simplify fractions
- Use equivalents to add and subtract fractions
- Divide fractions by whole numbers
- Solve challenges using decimals, fractions and percentages
- Use written division methods up to 2 decimal places
- Solve ratio and proportion challenges

Data:

- Use pie charts to extract data and solve data challenges
- Calculate the mean

Science: Biology, Physics + revision of Year 5 Science topics

- Classification of living things
- Healthy lifestyles – effects of diets, exercise and then that of drugs
- Human circulatory system
- Evolution and inheritance – adaptation and changes over time
- Light – sources, the eye, reflections and shadows – demonstrate how light travels in straight lines

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- Forces and the effect of gravity
  - Electricity – voltage of cells and the resistance and conductivity of materials

PSHCE:

- Our school curriculum drivers, rights respecting and school ethos prepare our pupils for life in modern Britain.

Music:

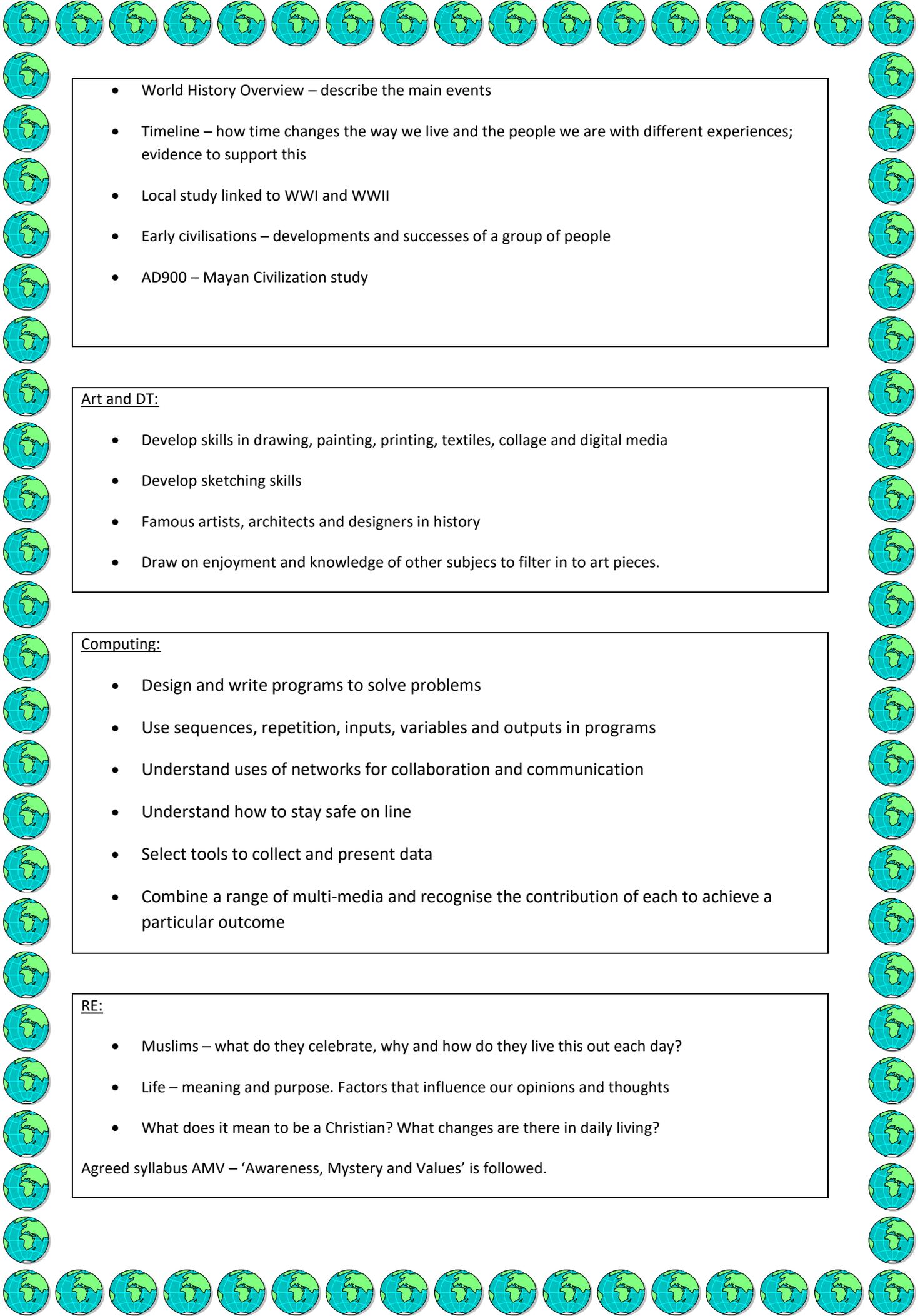
- Enjoy and appreciate music as being a form of entertainment down through the ages and cultures
- Performance skills – ensembles and soloists
- Listen to a range of pieces and be confident in discussing the impact/feeling/mood
- Notation – use and understand the basics
- Celebrate and be able to talk about great composers and musicians
- Compose own pieces with percussion instruments – tuned and untuned
- Use computing skills to compose and improvise

Geography:

- 6-figure grid references
- Asia – study a region(eg China) and learn more about the people and their lifestyles
- Understand latitude, longitude, the Equator, hemispheres, tropics, polar circles and time zones
- UK and Europe – name and locate countries, cities, regions and features.
- World – locate countries
- Fieldwork – observe, measure and record human and physical features in the local area using a range of methods, including sketch maps, plans and graphs & digital technologies

History:

- Changes in a period of history – using social, religious, political, technological and cultural terms, describe the main changes

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- World History Overview – describe the main events
  - Timeline – how time changes the way we live and the people we are with different experiences; evidence to support this
  - Local study linked to WWI and WWII
  - Early civilisations – developments and successes of a group of people
  - AD900 – Mayan Civilization study

#### Art and DT:

- Develop skills in drawing, painting, printing, textiles, collage and digital media
- Develop sketching skills
- Famous artists, architects and designers in history
- Draw on enjoyment and knowledge of other subjects to filter in to art pieces.

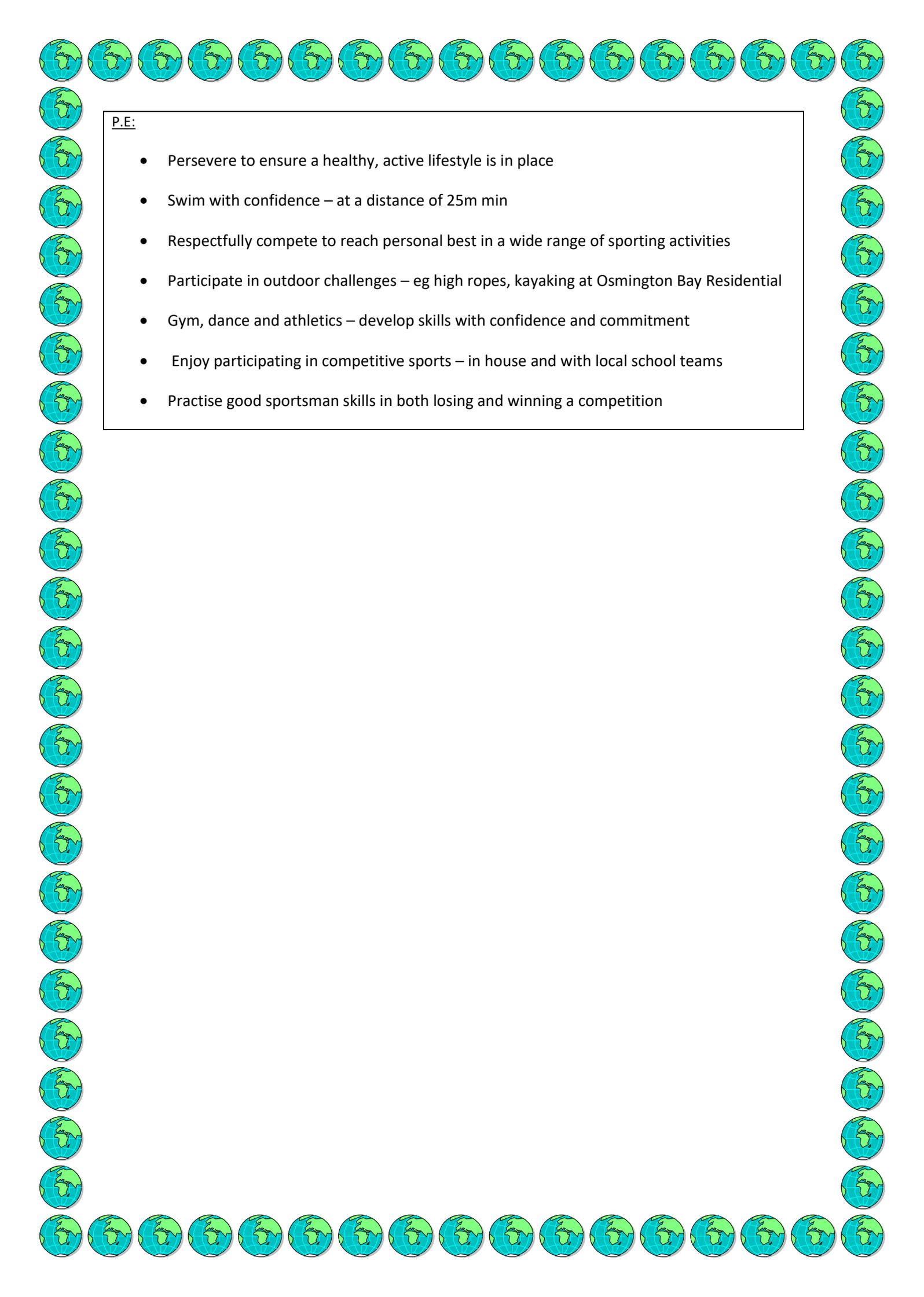
#### Computing:

- Design and write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Understand uses of networks for collaboration and communication
- Understand how to stay safe on line
- Select tools to collect and present data
- Combine a range of multi-media and recognise the contribution of each to achieve a particular outcome

#### RE:

- Muslims – what do they celebrate, why and how do they live this out each day?
- Life – meaning and purpose. Factors that influence our opinions and thoughts
- What does it mean to be a Christian? What changes are there in daily living?

Agreed syllabus AMV – ‘Awareness, Mystery and Values’ is followed.



P.E.:

- Persevere to ensure a healthy, active lifestyle is in place
- Swim with confidence – at a distance of 25m min
- Respectfully compete to reach personal best in a wide range of sporting activities
- Participate in outdoor challenges – eg high ropes, kayaking at Osmington Bay Residential
- Gym, dance and athletics – develop skills with confidence and commitment
- Enjoy participating in competitive sports – in house and with local school teams
- Practise good sportsman skills in both losing and winning a competition