



## St. Peter's RC Primary School – Medium Term Planning

**Class name:** Thunberg

**Year group(s):** 4/5

**Term:**

Spring 2

**Topic:** Locational study – Plymouth

## Substantive Knowledge – Agreed key facts

**English:** 'Writing' - the process of using symbols (letters of the alphabet, punctuation and spaces) to communicate thoughts and ideas in a readable form. 'Write Like a Ninja' is a writing toolkit designed to support the writing process by providing a reference guide for the technical and creative components (e.g. Alan Peat Sentence Types) to become independent, successful authors.

**Maths:** 'Short' and 'long' multiplication are examples of algorithms (step-by-step procedures of calculation) that are represented as a columnar method. Fractions are the representation of a part to its whole e.g.  $\frac{1}{2}$  The first value is the part out of the whole (numerator); the second value is the whole number of parts (denominator).

**RE:** *Eucharist – Memorial Sacrifice* The Eucharist is a memorial sacrifice in the Jewish sense of remembering, that it makes present a past reality. It is a memorial of Christ's sacrifice on the Cross, through which Christ gave his body and blood for the salvation of all people and provides hope for the future.

**Science:** *British Science Week* (10<sup>th</sup> – 19<sup>th</sup> March) 'Connections' – the focus of this year's British Science Week – explores the connections between science, technology, engineering and maths. The industry of science is built on a connective model of individual scientists, research groups and institutions, as well as areas of scientific theory and proof.

**History:** *Plymouth – How has Plymouth changed between 1620 and 2020?* Plymouth is home to one of the largest naval bases in Western Europe, which stems from its significant maritime history. The Mayflower (Pilgrim Fathers) set sail from its docks in 1620, and it became a significant target for the Nazi German Luftwaffe during the Blitz (1940).

**Computing:** *Creating Media – Photo editing* Image editing encompasses the process of altering images, usually digital images, to achieve an alternative image. Some photo editing techniques are done manually (with specific user-input), while others are conducted automatically using automated software.

**PE:** Dance is the deliberate practice of moving rhythmically and expressively, in a coordinated manner. Different dances have unique actions. OAA (Outdoor Adventurous Activities) consist of teamwork-based challenges requiring the 3 Cs (co-operation, communication and consideration) to be applied.

**Art and Design:** *Sculpture – Interactive Installation* is an artistic genre of three-dimensional works that are often site-specific and designed to transform the perception of space. Generally, the term is applied to interior spaces where the viewer (member of the public) can be mesmerised by the visual, or challenged to ponder a certain issue...

**MFL:** *Spanish* (continued) – an example of a Modern Foreign Language (MFL) that is spoken readily around the world; they are not to be confused with 'classical languages', such as Latin or ancient Greek. Originally derived in the Iberian Peninsula by the Romans in the late 3rd century BC, Spanish was historically called Vulgar Latin, or spoken Latin.



**PSHE & RSE:** 'My body' (peace) We are created by God who is Love, to be loved and to love; we all have a vocation (specific purpose). This vocation starts from conception (the beginning of life) through to natural death – both are celebrated.

**Virtue and British Value focus:** *Humility* – we discover the truth about ourselves and take action for a positive change; *Individual liberty* – the freedom to choose.

**Catholic Social Teaching:** *Preferential option for the poor* accumulating with the CAFOD Big Lent Walk.

**Reading:** Application of *VIPERS* skills: identify **vocabulary**; **infer** meaning (words and phrases); **predict** outcomes (based on prior text); **retrieve** answers; **summarise** key points.

**Oracy:** Voice 21 TALK ROLES and personalised question stems: Instigator; Prober; Challenger; Clarifier; Summariser; Builder.



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## Disciplinary Knowledge – Agreed key skills

**English:** Use and apply the 'Alan Peat Sentence Types' to generate, compose, edit and improve extended writing opportunities across the curriculum, e.g. write a setting description, write a scientific conclusion, explain the significance of an historical event. Recognise fragment (sentences), comma splices, subject and verb agreement and run-on sentences when editing for accuracy.

**Maths:** Multiply a number up to 4 digits by a 1- or 2-digit number; divide a number up to 4 digits by a 1-digit number; solve problems involving multiplication and division (including remainders, and interpret these in context). Recognise equivalence between fractions; identify fractions that are greater than 1 (one whole); convert fractions that are greater than 1 from mixed to improper and vice-versa.

**RE:** Make links between the beliefs and life of a Christian, giving reasons for their actions and choices; express a point a view, giving reasons for it; show a knowledge and understanding of scripture, and link this with the church community.

**Science:** Make observations and identify visible similarities and differences; use said observations to compare and group based on observable properties; record observations using appropriate annotations (diagrams, tables); plan and carry out an investigation to test a prediction; make systematic observations; research scientific processes to develop understanding and deepen learning.

**History:** Apply an understanding of chronology to order events in time sequence; engage in historical enquiry by using sources of evidence to build up a picture of a past event; using research, identify and begin to describe historically significant people and events; describe and make links between people and events, giving reasons for their significance across history.

**Computing:** Explore rotating and cropping an image using an image editor; choose appropriate filters to change the colour of an image; apply the process of 'cloning' (duplicating or removing a specific part of an image) and hide with 'retouching' techniques; identify 'fake' images by identifying retouching techniques; and review images ready for publication.

**PE:** Develop and show flexibility, strength, technique, control and balance using own body; perform a sequence of movements (phrases) to reflect a shared aim. Develop communication and co-operation skills through problem solving; understand safe practice and recognise hazards; discuss actions, listen to and give instructions.

**Art and Design:** Explore the artistic technique and more complex outcome of sculpture/ 3d form on their own and with collaboration; question and make thoughtful observations about starting points, and select ideas to use in their work; compare ideas, methods and approaches in their own (and group) work, and adapt their work according to their views/ development points.

**MFL:** Listen attentively to spoken language and show a developing understanding by joining in and responding; explore the patterns and sounds of language through songs and rhymes and link; engage in conversations: ask and answer questions; speak in sentences, using familiar vocabulary, phrases and language structures; develop accurate pronunciation and intonation.



**PSHE & RSE:** Talk and write about their opinions – explain their views; face new challenges positively, recognising where to look for help; develop relationships through work and play – contribute to a team.

**Class text:** 'KICK' (Mitch Johnson continued); 'Micro' VIPER text extracts exploring subgenres, e.g. science fiction, persuasion, poetry.

**Key vocabulary:** Alan Peat Sentence Types (e.g. 2A sentence, De:De sentence); Mayflower; Plymouth Blitz; factors; numerator; denominator; Eucharist; Consecration.

**Opportunities for home learning:** TTRS and IXL; weekly spelling and retrieval practice (historical learning); weekly reading aligned with AR 'ZPD'.

**Trips and visitors:** Explore 'The Box, Plymouth' reference the Mayflower exhibit and other key historical Plymouth events.