**Pope Paul Catholic Primary School Long Term Curriculum Overview**

**Year 5 2019 – 2020**

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| Subject | Spring 2019 | |
| Spring 1 | Spring 2 |
| **RE** | **People of Prayer**   * How and what do we celebrate on the Feast of the Epiphany? * How do The Beatitudes call us to live? * How has the Lord’s prayer, as an expression of belief, developed over time? | **From Lent to Easter**   * How does the Church celebrate Lent? * How does the Gospel of Matthew describe the events we celebrate on Palm Sunday, Holy Thursday and Good Friday? |
| **Maths** | * Add and subtract using formal written methods * Multiply using formal writ methods * Divide using formal written methods. * Fractions( Equivalent and ordering) | * Fractions (Adding, subtracting, multiplying by whole numbers and problem solving) * Percentages * Converting units of measure. |
| **English** | * Suspence and mystery based on ‘The London Eye Mystery’ (SPaG- perfect and progressive verb forms, adverbs of possibility) | Whole School writing project TBC |
| **Science** | **Forces**  Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object  Identify the effects of air resistance, water resistance and friction, that act between moving surfaces  Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. | **Living Things**  describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird |
| **Computing** | **Programming**   * Create, deconstruct and refine programs to accomplish specific goals: - improve efficiency - use selection within programs * Use logical reasoning to explain how some algorithms work and to detect and correct errors in programs. | |
| **Geography** | **Local Area**  Study how land in the local area was used during the past. Look at land use in the same area today and consider how and why this has changed.  Identify main economies in the immediate area. Compare with trade in the past. Why has this changed? | |
| **Art** | **David Hockney**  **Panting**: landscapes using the style of Hockey. Focus on contrasting and complementing colours to create texture and effect to create  **Collage**- photography using Hockey’s layering portraits | |
| **Design and Technology** | **Seasonality**  Understand seasonality in the context of when fruit and vegetables are in season in Britain.  Understand and apply the principles of a healthy and varied diet in the context of the importance of protein in the diet.  Generate, develop, model and communicate ideas through discussion and annotated sketches | |
| **Music** | Be able to play simple tunes by ear  Appreciate different styles of music  Play and perform in solo and group contexts, improvise and compose | |
| **P.E.** | Gymnastics and Indoor Athletics | |
| **P.S.H.E.** | E-safety. Celebrating ourselves and how to take care of our bodies and minds. | |