



St Gregory's Catholic Academy Curriculum Newsletter Year 6

Spring Term

Religious Education

Our first RE topic this term is 'Sources', which focuses on the Bible. The children will learn more about the Bible and understand that it is a story spread over more than two thousand years of God's love and how God's people responded to that love.



Our next focus will be on Unity and the Eucharist. The children will learn about the Eucharist and how it enables the Christian family to live and grow in communion every day.

Within our Death and New Life topic, we will focus on the seasons of Lent, Holy Week and Easter and how the suffering, death and resurrection of Jesus led to new life.



English

Over this term, based on our class texts, 'Francis' and 'Alma', we will write a range of narrative texts including a setting description, character description, internal monologue, dialogue, a journal and a description of a mythical creature. All of this evidence will be used towards writing assessment and the level your child achieves at the end of Year 6. We will also use the text 'The Three Little Pigs' and other narratives to write newspaper reports and witness statements to gather further evidence towards our final assessment. Our Class Novels will be Skellig by David Almond and The Final Year by Matt Goodfellow.



Maths

During spring term, we will be concentrating on fractions, decimals and percentages, ratio, algebra, area, perimeter, volume and statistics. We will further consolidate the use of efficient written and mental methods of calculation for all four operations - addition, subtraction, multiplication and division in order to solve a wide range of increasingly complex problems. The children will also investigate, compare and classify geometric shapes based on their properties and sizes and will learn how to find missing angles in triangles and quadrilaterals.



Science Electricity / light

This term we will be focussing on the physical sciences of light and electricity.

During our light topic, the children will investigate how light travels and using this knowledge explain how we see things. They will also investigate why shadows have the same shape as the objects that cast them. Within the electricity unit, the children will construct simple series circuits to help them to answer questions about what happens when they try different components, for example, switches, bulbs, buzzers and motors. They will also learn how to represent a simple circuit in a diagram using recognised symbols.



Computing

This term in Computing, our first topic is Variables in Games. In this unit, pupils will explore how variables are used in computer programs. They will design, write and experiment with programs, developing their skills as they work towards designing and coding their own games.

After half term, our topic will be Spreadsheets. Pupils will learn how to organise, analyse and store data in tables, as well as how to use formulas to produce calculated results. They will apply these skills by planning an event and presenting their data in a spreadsheet.



The Arts

This term, we are focusing on sculpture in Art. We will revisit the techniques of creating 3D sculptures and explore how the human form is represented through sculptural pieces.

In DT, we will use mechanical skills from prior learning to create a moving toy using a cam mechanism. In Music, we are introducing Kapow Music to support and enrich our musical learning. Our topic is Film Music, where we will appraise and use graphic scores to interpret the music we listen to. The children will also compose and perform a sequence to convey emotion and create appropriate sounds for a scene.



Geography and History

In Geography, we will continue our unit on North America, learning about the formation of a canyon and the causes and impact of hurricanes and wildfires in North America. We will also learn about human interaction with the environment focussing on population, food and farming and climate change.

In History, we will study the Victorian Britain and the Industrial Revolution. We will learn what this was and how Britain became the "Workshop of the World". We will also focus on how railways and factories changed Britain as well as what life was like for rich and poor people in Victorian Britain.

PE

This term, PE will focus on gymnastics and net and wall games. Our PE lessons will take place on Tuesdays or Thursdays, so please ensure your child has their PE kit in school on these days



MFL

This term, in our Spanish lessons, we will focus on where we live, eventually creating a written project all about our town.



RSE

In RSE, we will learn more about life cycles. We will also learn about developing healthy relationships and staying safe online.

