

KS2 Curriculum Overview

Year Group: 5

Term: Summer 2

Topic: Earth and Space

Art	Study the work of Vincent Van Gogh and the digital artist David Hockney. Use artistic vocabulary to discuss and describe the images of space or stars created by these artists. Create pieces of artwork relating to Earth and Space using a variety of media (paint, pastels, collage materials.) Use real artists' work as a model for my own. Evaluate my work and the work of others using artistic vocabulary.
Computing	Databases and Programming.: locate information on the planets in our Solar System to create a database. Use algorithms to control an object and to make things happen on screen. Use the Internet safely, respectfully and responsibly; know a range of ways to report concerns and inappropriate behaviour (SMART) Use the Internet effectively to conduct research for our space topic. Collect, analyse, evaluate and present data & information on our space topic (eg: the planet sizes and diameters.)
Science	In our Science lessons we will be studying the planets. We will look at and name the planets in our solar system and create a database about each planet. We will look at the differences in the seasons and how the tilt of the earth affects summer and winter. We will study how the earth rotates and how the length of the day changes over the year. We will find the international date line and discover when one day changes into the next. We will also look at how the moon affects the tides and the different phases of the moon over a lunar month.
English	Significant children's author and Biography Writing: Learn about the author William Shakespeare and identify key features of his work, including his story Julius Caesar. Create my own speech written in the style of Brutus. Identify the key features of a biography and collect facts about William Shakespeare's life in preparation for writing a biography about this significant author. Identify the features of an autobiography and write an autobiography for my own life so far.
Geography	Label a world map with the Equator, Northern and Southern Hemispheres, the tropics of Cancer and Capricorn, Arctic and Antarctic circle and the Prime/Greenwich meridian. Understand that the world has different time zones (including day and night.) Convert from one time zone to another including real life problems. Identify the position and significance of latitude and longitude. Identify, name and locate the continents and major oceans of the world.
Music	Study the music of Richard Strauss and explain my ideas and feelings using musical vocabulary. Create, practise, rehearse and deliver a performance with an awareness of the audience. Use musical vocabulary to evaluate my/others performance. Musical Instruments: Experiment with patterns and rhythms. Focused Listening to Music and Singing
Maths	Number, Fractions and Geometry – Work with word problems for the four operations, including decimals and multi-step problems. Explore rounding and working with decimals. Accurately reflect and translate shapes. Develop work with fractions: improper, mixed numbers and using these in calculations, ordering and comparing fractions. Develop skills of fluency, problem solving and reasoning in maths.
PE	Dodgeball and football. Practise skills relating to these areas. Understand the rules of the games and show an awareness of these during game situations. Use different techniques to pass, dribble and shoot. Use a range of tactics in attack and defence. Explain how a game could be improved and give suggestions for improvement.
RE	Work of the Apostles, Marriage and Holy Orders. Identify and discuss many of the teachings and activities of the Apostles after Pentecost. Recognise the importance of the early Church community in the lives of the Apostles. Know that Marriage and Holy Orders are Sacraments of Commitment. Explain the meaning of the promises made at Marriage and why the roles of Bishops, Priests and deacons are important in the life of the Church. Recall a number of different ways in which people contribute to the life of the Church through the roles and responsibilities they embrace.
Spanish	Hobbies and Leisure activities: Learn key vocabulary associated with this topic. Learn how to express opinions about hobbies and leisure activities I enjoy and dislike. Write full sentences in Spanish using vocabulary I know about hobbies and leisure activities. Play games using Spanish vocabulary. Use sentences to describe what I like and dislike doing in my spare time.