

COMPUTING – SPREADSHEETS

The children will begin by learning the features of a spread sheet, such as: columns, rows and cell references. They will learn and practise how to input their own formulae before recognising how to use the sum function. The children will learn how to create a variety of graphs and charts and they will analyse this information to check for accuracy and plausibility. Finally, the children will use their understanding of spread sheets to help them to plan a special event. They will have to keep to a budget and monitor their own spending.

MFL – THE HIGH STREET

Children will learn a range of vocabulary related to the different shops on the high street. They will write their own sentences which describe the shops and the high street at different times using a range of adjectives. The children will then learn how to direct people to certain places before creating a short performance which involves asking for help and understanding basic directions. Through the unit, comparisons of the French and British high street will be made.

SCIENCE – MATERIALS

Children will learn how to compare materials based on their properties such as hardness, solubility, transparency, conductivity and their response to magnets. They will use their knowledge from Year 4 to find out how mixtures could be separated by filtering, or sieving. They will explore reversible changes, including evaporation before considering changes that are more difficult to reverse like burning and rusting. Finally, they will complete an investigation to find out which material would be the best for a warm jacket taking measurements with a thermometer.

GEOGRAPHY – NATURAL RESOURCES

The children will learn the names of some of the counties of England (Yorkshire, Lancashire, Lincolnshire, Cornwall, Norfolk, Northumberland) and locate these on maps, atlases and globes. The children will understand the physical and human characteristics of some of these counties. They will study maps to do this and develop an understanding of how to use four-figure grid references on Ordnance Survey maps accurately. The children will learn about how natural resources (agricultural and geological) are distributed from different counties across the United Kingdom.

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RE – CHARITABLE WORK

The children will recognise the role of voluntary, community and pressure groups. They will understand the differences between these types of groups. They will listen to the local vicar speaking about how the church supports those in need in the community. They will find out about how Christian Aid attempts to put an end to poverty in the world by helping people access education and health services. Finally, the children will come up with their own fundraising idea to support a charitable cause.

HISTORY – ANCIENT GREECE

The children will look at an overview of this era to construct a timeline to show key events. They will look at artefacts such as pots and toys which give us clues about the daily life of men, women and children at this time. Children will use drama to explore the first Olympic Games and write historical recounts about the day. They will also learn that the Greeks invented the theatre. Thousands of people packed the hillside arena of ancient Athens to watch plays by famous writers. Finally, the children will look at the legacy that the Greeks left in terms of democracy.

DT – FINGER PUPPETS

To begin this unit, children will learn that the Ancient Greeks were the pioneers of puppetry and will consider what made puppets popular at the time. They will make annotated sketches of a range of puppets from different eras and consider how they are controlled. From this, they will draw pattern pieces to create their own finger puppets before practising a range of techniques to join and embellish their chosen textiles. After construction, children will evaluate the commercial appeal of their puppets.

OUTDOOR PE – TENNIS AND NETBALLS

During this unit, children will develop their skills when using tennis racquets. They will practise striking the ball over a net but also at targets to improve their accuracy. They will explore how to receive the ball from different angles and work on sending the balls into different areas of the court. Next, the children will work on a range of skills required for netball. They will work on their passing and moving skills and be taught strategies to maintain possession of the ball. They will learn how to progress down the pitch towards the opponent's goal and take part in games.

MUSIC – JAZZ

The children will learn to play a repeated sequence of pitches on a tuned instrument. Whilst performing, they will maintain own part with awareness of how different parts fit together and the need to achieve an overall effect. They will embed their learning from Year 4 and continue to read and work out the musical stave (minim, crotchet, quaver, semiquavers and semibreve). Finally, they will use instruments, including chime bars, to explore and play sets of pitches.

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RELATIONSHIPS AND HEALTH

The children will recognise that stable, caring relationships, which may be of different types including same sex relationships, are at the heart of happy families and are important for children's security as they grow up. Next, they will learn and see the qualities of a good friend as someone who shares interests, supports with problems, tells the truth and is loyal. Finally, the children will understand the importance of self-respect and how this links to their own happiness.

ART – GIACOMETTI

In this unit, children will begin by studying Ancient Greek statues and sculptures. They will make detailed sketches of these before comparing them to the statues and sculptures of Giacometti. After a detailed study of his work, children will use mod-rock and sculpting wire to create their own sculptures of Ancient Greek Olympians. The children will also investigate a range of Ancient Greek patterns on clothing, pottery and buildings. They will design their own repeated prints in this style and create printing blocks from cardboard and string.

INDOOR PE – MYTHS AND BRIDGES

In dance, children will use 'Theseus and the Minotaur' as a stimulus to create their own piece. The children will consider Theseus' journey to Crete and his experience in the Labyrinth whilst performing with expression and imagination. They will work in small groups to communicate ideas and refine their movements. In gymnastics, children will use balances on different body parts to create different shapes, such as pike, tuck and pencil. They will do this both as individuals and with a partner. They will work in groups to create a sequence showing planned variations in level, direction and shape.