

Autumn Term

The Victorians



English

This term we are going to be consolidating our learning on a range of different texts. We will spend a small amount of time on narratives and dialogues, and using a wide variety of punctuation, such as inverted commas and commas for clauses. We will also be learning about different homophones and how suffixes and prefixes can make significant changes to words that we use.

Key vocabulary: Inverted commas, commas for clauses, homophones, prefixes, suffixes

Maths

We will start the term by learning about numbers and place value and consolidating our understanding of the place value columns and how this can support ordering and comparing numbers. We will start with two digit numbers and move onto larger digits. We will then learn about addition and subtraction, using a written method.

Key vocabulary: Value, digit, tens, ones, hundreds, compare, order, addition, subtraction

Science

We will be learning about different materials, specifically, solids, liquids and gases. We will be comparing group materials together, according to whether they are solids, gases or liquids.

We will be observing the state of different materials and how they change depending on whether they have been heated up or cooled down. We will also identify the part played by evaporation and condensation in the water cycle.

Key vocabulary: Solids, liquids, gases, state, material, evaporation, condensation

History

During this half term, we are learning about the Victorians and the impact that they had on England, as well as the differences between the modern world and the Victorian times. We will look at schooling food and the daily life of the Victorian people.

R.E

Our focus will be Christianity and the religious, beliefs, books and symbols that are important to the religion.

Art/Design

We used different textiles and imagined we were in the Victorian times e.g. we will use chalk to write on chalkboards, which is what they did in the Victorian times

Computing

We are going to create a branching data base about the characteristics of materials.

PE

We will be developing our dance skills and we will be responding imaginatively to a range of stimuli related to character and narrative.

PSHE

Our whole school topic was learning muscles and growth mind-sets and using skills of resilience to produce work of high expectations.

British Values

Our focus this term is democracy as we will be involved with making class rules and will be contributing to and cooperating with them.

World War 1

Bedmond Academy Curriculum Map

Year 4/5



English

This term we will be writing diary entries. We will be modelling how to use the correct layout and the types of information that should be included in a successful entry. To keep improving we will be editing and redrafting our entries to ensure that we have included a range of punctuation, content and a range of sentence structures. We will also be focusing on how to write a diary entry for the purpose of the reader and how to make it more interesting for them.

Key vocabulary: Layout, content, structure, punctuation, editing, improving

Maths

We will continue to develop our fluency in adding and subtracting, and how to use the written methods confidently. We will then move onto multiplication and division, using methods of number lines. The children will be beginning to learn the relationships between addition and subtraction, multiplication and division and the inverses of these signs.

Key vocabulary: Written method, addition, subtraction, multiplication, division, inverses

Science

The topic for this half term is electricity. We will begin by identifying common appliances that run on electricity. It will involve us constructing a series of circuits and identifying and naming a range of parts e.g. cells, wires, bulbs, switches and buzzers. We will be testing and seeing if our circuits work by seeing if the lamp works or not. This will also help us move on to conductors and insulators and which materials are associated with these areas.

Key vocabulary: Electricity, circuits, buzzers, cells, wires, switches, buzzers, lamps, conductors, insulators

Geography

We will be using World War 1 to look at the different countries that were involved, whilst improving our map skills and the impact that the World War had on different countries around us. This will also help us to look at the origins of the War and why it took place.

R.E

This term we will be continuing with our Christianity topic. We will be learning about the Church and the key features. We also learn about the oldest religion and how this has effected religion today.

Art/Design

We will be developing our drawing skills by exploring tone using different grades of pencil, pastel and chalk.

Computing

We will be using a program simulating life in an ancient civilisation, to make choices and consider the impact of them.

PE

We will be learning about gymnastics and how balance and coordination are important for effective moves.

PSHE

Our whole school topic is tolerance and learning about each other's opinions and how we can talk to each other as individuals.

British Values

This term we will be learning about the rule of law and reinforcing high expectations of our children using our behaviour policy.

Spring Term

Natural Disasters

Bedmond Academy Curriculum Map

Year 4/5



English

This half term, we will be focusing on Poetry and how we can expand our vocabulary for the purpose of the reader. To help us to do this we will be exploring the use of similes, metaphors, onomatopoeia, alliteration and personification. Following on from this, we will be beginning to write a narrative, about the fiction story 'The Little Lost Dragon'. We will be using our vocabulary knowledge to aid us in our character and setting descriptions, building up to writing our own stories.

Key vocabulary: Alliteration, metaphor, simile, personification, onomatopoeia, rhyming, description, adjectives, vocabulary

Maths

This half term we will be recapping the use of place value and how we can use this when adding and subtracting smaller and larger numbers. This will help us to move onto working out different multiplication and division calculations, with significant numbers and remainders. We will be using this knowledge with inverse calculations and fractions, specifically numerators and denominators.

Key vocabulary: Hundreds, ones, place value, compare, order, addition, subtraction, multiplication, division, denominator, numerator

Science

This half term we will be exploring and using classification keys to group identify and name a variety of living things in a variety of different environments. We will be constructing and interpreting a variety of food chains and looking at the uses of the words predators, producers and prey.

Key vocabulary: Predator, producer, prey, food chain, environment, habitat, classification

Geography/History

We will be learning about a range of different natural disasters that have happened around the world and the effects that they have had on different cultures. We will explore this using a variety of teaching styles and creating fact files to embed our knowledge.

R.E

This term we will be introducing Sikhism and what it is like to belong to a religion. We will look at the religious practices and the lifestyles.

Art/Design

We will be using our topic of Natural disasters to develop our painting skills and creating different effects by using a variety of tools and techniques such as dots, scratches and splashes.

Computing

This term the children are going to be creating and editing poems using a variety of programmes.

PE

This term we will be learning to use a range of skills e.g. throwing, striking, with some control and accuracy.

PSHE

Our theme is forgiveness. We are learning how to treat each other and show respect even when we get things wrong.

British Values

This half term we are going to be discussing the ideas around mutual respect and working together as a community to help each other.

Kenya



Bedmond Academy Curriculum Map

Year 4/5

English

During this half term, we will be focusing on a fiction and non-fiction text. We will begin by looking at Fantasy stories and using imaginary worlds as a theme throughout. This will be an opportunity for the children to develop their writing into paragraphs and using an appropriate structure, with a beginning, middle and end. Our second topic will be persuasion – adverts. We will be focusing on the type of specific language that adverts use and using drama to develop our own.

Key vocabulary: Paragraphs, structure, beginning, middle end, persuasive language

Maths

There will be a focus on adding and subtracting fractions this term, with different denominators. We also be looking at the conversions between decimals, fractions and percentages. We will be ordering and comparing the values to build upon our knowledge. We will end this unit by finding percentages of numbers and using these in word problems. Key vocabulary: Fractions, denominator, numerator, comparing, decimals, percentages, word problems

Science

This half term we will be looking at animals including humans. Specifically, we will begin by looking at the digestive system and its simple functions. Also, the role the teeth play and explaining their importance in this progress. We will also look at the differences between the animals and humans and why this is.

Key vocabulary: Functions, digestion, humans, animals, teeth, roles, molars, canines, incisor, calcium

Geography

We are going to be learning about the African country Kenya. We will be exploring the culture and the differences to England. We will also be learning about where it is, developing our map skills further.

R.E

This half term we will be focusing on the celebration of Easter and why this time of year is important to Christians. We will be discussing the resurrection of Jesus and the influence of this.

Art/Design

We will be developing our textile skills during these lessons. We will be making small Easter bags and focusing on using simple stitching –and using a long needle to make straight stitches.

Computing

We will be creating a poster to promote appropriate dental health.

PE

This term we will be learning to set up or own small games and being able to choose and vary tactics to suit the situation in a game.

PSHE

British Values

This term we will be learning about individual liberty and how to make choices, to manage risks, and encouraging the right to understand and exercise their rights and personal freedoms.

Summer Term

The Greeks



Bedmond Academy Curriculum Map

Year 4/5

English

The first focus of this term is stories about issues and dilemmas. We will be planning and organising our stories in situations and providing different answers to the dilemmas that we face. We will also be looking at reports and how the layout of these texts is different. We will be able to look at the different tenses and identify key features.

This will conclude with writing our own reports and coming up with key ideas.

Key vocabulary: Dilemmas, organisation, paragraphs, tenses, adverbials

Maths

This term our first focus will be money and measurements. We will be reading scales and their increments, along with converting different metric measurements. We will use a variety of equipment to be able to do this and involve cooking. As time is another form of measurement, we will also be focusing on this, using analogue and digital clocks, as well as reading different timetables.

Finally, we will complete our learning with statistics and reading and drawing graphs accurately.

Key vocabulary: Scales, increments, conversion, metric, analogue, digital, timetables, statistics, graphs

Science

We are learning about forces and magnets. We are going to describe some everyday uses of magnets and explain how the contact of two magnets actually works. We will know that magnets have two poles. We will explore whether different magnets will attract or repel each other.

Key vocabulary: Magnets, poles, repel, attract

History

To understand the Greek culture and the different aspects of their religion, myths, food and celebrations. We will be making Greek crowns and exploring how their leisure time was very different to ours.

R.E

This half term we will be exploring the use of sacred books in Christianity and Judaism and the difference between the variety of religions.

Art/Design

This term we will be exploring the use of photography and how images can be altered through collage, jigsaws, positive and negative shapes.

Computing

This term we will be editing and annotating the photographs we are taking during Art/design lessons to show change.

PE

This term we will be focusing on net and wall games and using a small range of racket skills – We will also be focusing on choosing and using a range of simple tactics for sending the ball to make it difficult for an opponent.

PSHE

British Values

This term we will be continuing to learn about mutual respect and how we are all individuals and different. We will be looking at supporting a charity and raising money for them.

Festivals



English

Our final term will include us learning about traditional tales. To link in with our theme of festivals we will be using traditional tales from around the world and generating a range of different ideas. We will then be writing our own traditional tale based on the culture that we choose the tale from. Lastly, we will be looking at explanation texts, and the features of these types of non-fiction text types. We will be labelling them and looking about texts that link with our theme.

Key vocabulary: Non-fiction, features, explanations, labelling, traditional tales, cultures

Maths

History

This half term we will be focusing on the different festivals around the world. We will be learning about what they are, where they are, who they involve and why they are so important in the countries they are. We will also be learning about how long these festivals have been taking place.

R.E

This half term we will be exploring the use of sacred books in Sikhism and Hinduism and the difference between the variety of religions.

Art/Design

Bedmond Academy Curriculum Map

Year 4/5

Our last Maths topic will be about geometry and shape. We will be recapping our 2D and 3D shapes and looking at the different properties of these, including; angles, symmetry, parallel and perpendicular lines. We will be comparing the differences and similarities between 2D and 3D shapes such as edges and corners. We will also be learning about the different position and direction of shapes and how they can be effected by translation and enlargement.

Key vocabulary: 2D, 3D, angles, symmetry, parallel, perpendicular, properties, edges corners, edges, sides, faces, translation, enlargement, position, direction

Science

Our final topic in Science will be sound. We will be identifying how sounds are made, associating this with vibration. Through activities we will learn how to recognise that vibrations from sounds travel through a medium to the ear. Also, exploring pitch of sound and features of the object that produces it. It is key, to also finding patterns between the volume of sound and the strength of the vibrations.

Key vocabulary: Sound, vibration, pitch, travel, medium, patterns

This term we will be progressing through the techniques of collage and developing skills of overlaying and overlapping, whilst also developing an awareness of colour and texture.

Computing

We will be creating a news report about a festival and videoing it, using our editing and improving skills.

PE

This half term we will be focusing on invasion games and finding ways of attacking successfully when using other skills.

PSHE

British Values

This term we will be learning about the tolerance of others and how we can respect and provide opportunities for an understanding of other people from diverse and different cultures.

How to help at home:

- Encourage your child to tell you about and define the key vocabulary
- Offer opportunities for research on the different subjects they are completing
- Help them to consolidate any learning that they do not understand
- Discuss and talk about key topics
- Provide them with your views and opinions
- Encourage discussions with their family members who may have experience with certain subjects
- Encourage your child to read 3-4 times a week
- Help your child to practice their spellings and times tables