

Bedmond Academy Curriculum Map

Year 2

Autumn Term

Under the Sea



English

Our narrative will be Rumpelstiltskin which we will learn to retell using a story map, learn to order the story on a story mountain and then write the original story up levelling the character description. Throughout our narrative unit we will develop our cursive handwriting, widen our use of spelling rules and learn about commas and conjunctions. Key vocabulary: narrative, comma, conjunction, past tense, present tense.

Maths

We will start the term by consolidating our understanding place value to three whole digits. We will then move onto addition and subtraction, solving calculations with empty number lines. Children will be taught about inverse and difference, making sure they can see the relationship between the two processes.

Key vocabulary: value, digit, tens, ones, hundreds, increase, decrease, difference

Science

We have linked to our theme of under the sea by identifying different sea creatures and the parts of their bodies that make them suitable for underwater breathing and moving.

Key vocabulary: gill, fin, amphibian, reptile, fish, creature

Geography

The children will be taught about the oceans and continents. We will also be identifying animals that live in each continent and compare lifestyles. When learning about the oceans we will explore the types of animals there and how they have evolved to thrive in their setting.

Art/ DT

In DT we will create different sea creatures out of a range of materials. When using crayons, pens and pencils we will explore pressure to create different effects.

R.E

Year 2 will recap which religions they know about and identify the difference between Christianity and Judaism in the context of light.

PE

Our focus in PE this term will be gymnastics where children will perform various simple bends, rolls and balances.

PSHE

Our whole school topic for this term was growth mind-set in which we discussed resilience and how to identify a fixed and growth mind-set. We also learnt about our 9 learning muscles linked to our behaviour policy.

Computing

Smartie the Penguin will teach us about E-safety and how to recognise systems that have been put in place on familiar programmes.

British Values

We will focus on the rule of law in the context of comparing different laws around the world with our own that we follow.

Asia



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<p>English This term's narrative will be the magic paintbrush which is set in Asia. Our focus will be setting descriptions, using expanded noun phrases and our senses to depict a location. Our nonfiction unit will be instructions where we will learn about adverbials of time, imperative verbs and continue to look at tenses. Key vocabulary: adverbials of time, senses, expanded noun phrases, tenses</p> <p>Maths We will continue to develop our fluency in adding and subtracting, moving onto mental methods using key number facts such as number bonds. We will then move onto multiplication and division, using visual methods of grouping and sharing. The children will learn to articulate what they are doing when creating arrays in practical ways and use their reasoning to explain the relationship between the operations. Key vocabulary: repeated addition, groups of, multiply, divide, share equally.</p> <p>Science In our science lessons we have identify different materials and compared their properties. We then tested different materials to find out what they were best used for. Key vocabulary: material, property, experiment</p> <p>Geography We will continue with our continent research by looking at Asia in greater depth. The children will learn how to use maps to get information, using the vocabulary of north, south, east and west. We will compare the geographical similarities and differences between Asia and the UK.</p>	<p>Art/ DT In art we will look at creating symmetrical rangoli patterns using bright colours. We will practise our paintbrush skills creating different shapes and effects.</p> <p>R.E Year 2 will be looking at Christianity in relation to Christmas and the Nativity. We will learn some carols and perform our Christmas play.</p> <p>PE We will perfect our movements when running, skipping and jumping.</p> <p>PSHE We moved onto tolerance, covering self-regulation and developing ourselves as successful, confident learners.</p> <p>Computing We will use I pads to collect information and save files to a set location and then retrieve it at a later date.</p> <p>British Values Linking to our narrative, we will talking about individual liberty where the children will identify their goals, needs and desires.</p>
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Spring Term

The Great Fire of London



<p>English Our next narrative is The Papaya That Spoke in which children will learn to retell, order and comprehend. When writing the original text, the children will be taught to use expanded noun phrases, adverbials of time and speech verbs. They will plan their own version of the text, moving onto drafting, editing and publishing their narratives.</p> <p>Maths This half term we will consolidate multiplying and dividing by creating arrays for the 2, 5 and 10 times tables. We will touch on data handling, shape and measures through practical investigation. The children will also look at halve, quarters and three quarters of amounts. Key vocabulary:</p>	<p>Art/ DT Linking to our PSHE we will be studying the artist Giuseppe Arcimboldo and his seasonal pieces of art where he creates portraits out of fruit and vegetables. We will create our own portrait plans then use these ideas to create a mask.</p> <p>R.E We will compare a range of different beliefs in our country and their unique rituals and celebrations.</p> <p>PE The children will practise their dance skills by choreographing a simple dance, repeating key phrases.</p>
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Science

In our science lesson we will learn about the different types of habitats and the animals that live there. We will compare animals and how they have adapted to survive in their habitat and study food chains to understand the relationship of predator and prey.

Key vocabulary: habitat, prey, predator, herbivore, carnivore, omnivore.

History

Our theme is The Great Fire of London where we will learn about the cause and effect of the fire, ordering key events and learning about real life recounts by Samuel Pepys. We will compare the fire service back then to the systems we have in society now and talk about why this was.

Computing

We will recognise common uses for information technology outside of the classroom.

PSHE

This term our theme is forgiveness where we will talking about channelling our emotions and setting aside issues. In class we have also looked at keeping ourselves healthy by looking ta personal hygiene, healthy eating and what to do in an emergency.

British Values

Through our theme of forgiveness we will link in the ideas of mutual respect of those we know and cultures we are unfamiliar with.

Rainforests



English

The Prince Who Wrote Stories will be our new narrative where we will focus on using story language to improve our openings and endings. Throughout the unit we will also be developing our spelling, learning new rules and applying our segmenting and blending skills to spelling new words. We will also look at report writing, linked to our rainforest theme where we will learn about bullet points, headings, subheadings and question marks.

Key vocab: report, non-chronological, narrative, question, statement.

Maths

We will start the term by learning about greater and less than symbols in relation to number magnitude. We will perfect our processes to add and subtract whole numbers. In relation to shape, the children will look at 2D and 3D shapes by identifying them in their surrounding and learning to describe them using mathematical vocabulary.

Key vocabulary: dimension, edge, face, magnitude.

Science

This half term in science we will look at how plants grow by monitoring our own plant. We will learn what they need to develop from a seed and observe the effect of not having these through experiments. We will look at life cycles, creating simple diagrams of both plants and animals.

Key vocabulary: plant, oxygen, stem, cycle, born

Geography

As our theme is rainforests, we will be looking at different rainforests over the Earth and learning about the animals that live there. We will compare our own weather to the weather in rainforests and how the climate affects that things that grow there. We will create maps of areas with a diverse landscape.

Art/ DT

In DT we will plan, create and evaluate a sculpture, making comparisons between each other's work.

R.E

The children will be take a closer look at Judaism and its beliefs, comparing them to Christianity or their own beliefs.

PE

This term we will be working on our throwing and catching skills using soft and hard equipment.

Computing

We will learn what algorithms are and how we can use these with technology.

PSHE

We are going to discuss what is fair and unfair, kind and unkind, as well as what is right and wrong. We will discuss how people's needs change as they get old.

British Values

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We will cover democracy by carrying out class votes and discussions

Summer Term

The Seaside



English

We will be learning about calligrams in poetry, making various seaside themed poems. Our narrative unit will focus on setting description where the children will use a wide range of language features. We will also be preparing for our SATs by revising our punctuation and grammar. Our non-fiction will be to create a leaflet for a seaside town which will cross over with our geography.

Key vocabulary: leaflet, statement, question, exclamation, head, sub heading.

Maths

We will be revising our methods for the four operations and finding fractions of numbers. The children will be describing the properties of shape, solving word problems and also recording data on a tally chart and bar chart. We will also look at symmetry in shapes and patterns.

Key vocabulary: Chart, tally, multiplication, addition, subtraction, whole, equal parts

Science

Our science unit is animals including humans where we will compare body parts, diets and lifestyles. We will discuss world issues based around survival and also keeping fit.

Key vocabulary: diet, exercise, survival, extinct

Geography

We will look at the seaside towns found in the UK and characteristics that are present there.

The children will learn about human and physical land features being able to recognise, describe and sort them. We will look at maps and photos to compare where we live to a seaside town.

Art/ DT

In Art we will look at landscapes, using paint to explore colouring mixing with white and dark to create different shades, tones and hues.

R.E

Year 2 will look at their own faiths and how these are followed on a day to day basis. We will also share examples of celebrations

PE

During our games lessons we will learn simple attacking and defending skills, following rules to stay safe.

Computing

We will create different programmes using simple technology, exploring coding.

PSHE

In our lessons we will look at our homes and what makes use feel safe and happy. We will identify our needs as children and explore the term 'privacy'.

British Values

We will discuss the rule of law and how there are some different laws when living next to the sea and why these are in place.

Helping Heroes



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<p>English</p> <p>In our poetry lesson we will recap rhyme, alliteration and onomatopoeia. We will learn about different poets, looking at a range of their works, coming up with our likes and dislikes. Our non-fiction topic will be an explanation text linking to our Science and History topics. We will expand our knowledge of conjunctions and sentence types.</p> <p>Key vocabulary: conjunction, explanation, rhyme, alliteration, onomatopoeia</p> <p>Maths</p> <p>We will develop our understanding of measures using a wide range of topic vocabulary when carrying out tests. When looking at numbers to 100 we will discuss number magnitude, place value and order. The children will also continue and create number patterns, playing around with known number facts.</p> <p>Science</p> <p>To finish our year we will name different materials and list their properties. We will test these to explore suitability and discuss items that are waterproof. When carrying out tests we will be developing our confidence with using scientific terms listed below.</p> <p>Key vocabulary: transparent, translucent, opaque, waterproof, properties.</p> <p>History</p> <p>We will look back in the past at famous historical people who had contributed to society in their time. In particular we will learn about the nurses Florence Nightingale and Mary Seacole, discussing the similarities and differences. In this topic we will discuss race and diversity as well as sanitation in the past.</p>	<p>Art/ DT</p> <p>We will use a range of materials to create a collage based on ideas in our imagination. We will also look at different structures and how these have been created safely.</p> <p>R.E</p> <p>We will learn about symbols and their meanings in different faiths. Children will come to understand the difference between common symbols in their environment and those in religion.</p> <p>PE</p> <p>Year 2 will combine their learning from the year and create simple, repetitive phrases with their bodies when using different equipment.</p> <p>PSHE</p> <p>We will look at the differences between secrets and nice surprises, exploring how they can make us feel using a range of different emotions. We will express ourselves in a safe environment, building up our trust.</p> <p>Computing</p> <p>We will create and debug different programmes.</p> <p>British Values</p> <p>Linking to our history we will recap individual liberty and discuss rights and wrongs. We will also be learning to value other people's opinions, even when it conflicts with our own.</p>
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How to help at home:

- Do daily reading with your child asking them questions about what has happened and the thought/ feelings of the characters.
- Practise counting in 2s, 5s, 10s and 3s linking in times table vocabulary of $1x*=*$, $2x*=*$ etc.
- Get children to write or read shopping lists and print in the home
- Find parts of whole amounts, linking in odd and even numbers
- Verbally retell stories using interesting vocabulary
- Describe items you see out and about using adjectives
- Get children to think of a number and generate lots of ways they got there.
- Talk about events going on in the world
- After watching or reading something, ask your child to retell the order of what happened.