

Phase 2 23-24 Curriculum Overview

Explorers - Creswell

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Walking with our Ancestors		Fair For All		Changes	
Science	Acids and Alkalis In this unit pupils will learn about changes due to chemicals. They will explore the uses of acids and alkalis in everyday contexts such as cleaning and neutralising.	Energy In this unit, the pupils will learn about ways in which energy can be transferred, and that energy is conserved.	Cells In this unit, pupils will learn about the structure and function of specialised plant and animal cells, organisation in multicellular organisms.	Heating and Cooling In this unit the pupils will learn about the particle model.	Reproduction In this unit, pupils will learn about organisation in multicellular organisms and how plants and humans are adapted to reproduce.	Earth and Atmosphere In this unit, pupils will learn about the composition of Earth's atmosphere, how it has evolved and what caused it to change. They will learn how human activities can damage and limit the Earth's resources.
Humanities	Pupils will explore the Stone age and Iron age and focusing on the word 'extinct' knowing what life was like during these times. They will explore the homes they lived in and how they communicated.		Pupils will learn the school rules and the word 'fair' and then exploring Fairtrade and common foods that are Fairtrade foods.		Pupils will explore and name drastic weathers and conditions. They will focus on Tsunami's and Volcanoes and know the key vocabulary to describe these.	
PE	Gymnastics: ways of travelling e.g. rolls, turns, flight Through copying and recreating travel movements, pupils will explore a variety of ways of traversing the hall using rolls, turns and flight. Working with staff, routines of 2-3 moves can be created and performed to an adult.		Through circuit and pilates type activities, fitness elements such as strength, flexibility and balance will be developed with some improvements demonstrated. Actions should be copied from an adult and repeated in small group situations. Direct links will be made	Pupils will experience and participate in playing a small selection of invasion games, including adapted games e.g. basketball, volleyball, netball, hockey, tag rugby. State the objective to win each game. Control balls, shuttles and pucks in some	Pupils will sometimes show control in a variety of athletic running events. The differences in speed and endurance required for events will be demonstrated successfully for a small number of events. In small group races, fair starts are regularly applied. Pupils will	Pupils will sometimes show control in a variety of athletic field events. The specific technique for long jump and javelin will be developed, so pupils will be able to list the steps in a performance. Opportunities for officiating will be supported by staff.

			to muscles and joints; the contribution of regular exercise in a healthy lifestyle will be described. Pupils will experience their lessons in local fitness facilities.	practice and game scenarios as coached by staff. State and play fairly to up to 3 basic rules for each game. Use umpiring skills to state when a goal or point has been won or one of the 3 rules has been breached.	evaluate their own work by suggesting what went well or not.	Pupils will evaluate their own work by suggesting what went well or not.
Art	Drawing: Pupils will explore wet and dry mark making with various media. Explore pencil grip.	Mono printing: Pupils will explore marking making and lifting of images onto paper		Primary to secondary colours: Pupils will explore changing and making new colours.	Painting: blending and mixing. Pupils will explore using a range of simple tools and found materials	
DT	Structures: frame structures. Pupils will be building structures using, recyclable materials and bricks. Building and designing for a purpose.		Textiles: Pupils will look at the structure of materials and different ways to join materials.		Mechanisms: axels and wheels. Pupils will be exploring objects with axels and wheels looking at how they work and then going onto making their own.	
Computing	iMake ART Pupils will use shapes they have found to create a digital collage.	iCan Sequence Pupils will be introduced to the idea that some instructions need to be followed to achieve a particular task.	iCan Turn Pupils will extend their knowledge of controlling programmable toys.	iMake ART Pupils will use shapes they have found to create a digital collage.	iCan Sequence Pupils will be introduced to the idea that some instructions need to be followed to achieve a particular task.	iCan Turn Pupils will extend their knowledge of controlling programmable toys.
PSHE	Pupils will describe what we are good at and/or enjoy. What do we enjoy learning about in school? Identify some things that make us special and unique as learners. Describe our own learning targets or goals.		Pupils will respond to stimuli showing different images of young people in pictures, magazines, TV programmes and social media. Respond to stimuli about different health professionals (doctors, dentists, nurses) and how they take care of us.		Pupils will respond with curiosity to stimuli about all the different ways in which we are special. Respond to stimuli about different feelings we might experience and how different feelings may be expressed. Identify what it means to like someone.	

	Learn about keeping safe, personal safety and what is meant by an accident.	Recognise what is meant by a 'medicine'.	
RE	Who celebrates what, and why? The Explorers will begin to make sense of key celebrations and who celebrates them.	What makes some people inspiring to others? The Explorers will begin to make sense of what makes some people important/inspiring to others.	What are special times, and why? The Explorers will begin to make sense of how believers celebrate important times in life.
Careers	Core curriculum: Pupils will gain an awareness of "career" as their journey through life. They will show an interest in different occupations and ways of life and begin to explore their preferences. They will meet people from the world of work and will be introduced to key employability skills.		
Sectors and key skills	Construction leadership	Construction leadership	Construction leadership

Adventurers – Newstead, Welbeck

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Walking with our Ancestors		Fair For All		Changes	
Science	Acids and Alkalis In this unit, the pupils will learn about the characteristics of chemical change. They will consider many examples of chemical changes and use these to explore the new products that are formed.	Energy In this unit, the pupils will learn about the characteristics of chemical change. They will consider many examples of chemical changes and use these to explore the new products that are formed. The pupils study reactions in the context of acids and alkalis, considering their reactions together as well as the reactions of	Cells In this unit, the pupils will learn about ways in which energy can be transferred, and that energy is conserved. They should become aware that the concept of energy transfer is relevant in all areas of science. They will learn the connection between heat and temperature. Finally, they will consider sound energy – how sounds are made, how sound energy is	Heating and Cooling In this unit the pupils will learn about the particle model and its ability to explain different physical processes. They will learn to apply the standard model to explain particular phenomena, such as changes of state and thermal expansion.	Reproduction In this unit, pupils will learn about the structure and function of specialised animal cells, organisation in multicellular organisms and how plants and humans are adapted to reproduce.	Earth and Atmosphere In this unit, pupils will learn about the composition of Earth's atmosphere, how it has evolved and what caused it to change. They will learn how human activities can damage and limit the Earth's resources, including the atmosphere. The pupils will explore how these changes affect the Earth and all life on it.

		acids with metals and carbonates.	transferred by waves, how we hear sounds.			
Humanities	Travelling through the Ages (Stone Age, Bronze Age and Iron Age). Pupils will look how the people lived throughout this time, the differences in landscapes and compare and contrast them to the present day. The pupils will explore the migration of the people within the British Isles and then go onto exploring the Neolithic Revolution and recalling facts about it to their peers.		The slave trade. Pupils will know what it is, how it started, the people involved and how it finished. They will be able to find some key countries on a map and how Britain were involved with the slave trade. They will explore the plantations and know the jobs the enslaved people did and the skills they learned to survive.		Climate change - Pupils will explore what it is and how it has shaped the world so far. The pupils explore the Ice Age and its most common weathers. They will know the main natural causes of climate change by looking at volcanoes, earthquakes and tsunamis. After this, they will know the effects that climate change has had on the world by looking at hotter temperatures, more severe storms, droughts and warmer oceans.	
PE	Through independent and pair work, pupils will develop travel movements. Pupils will explore a variety of ways of traversing the hall using rolls, turns and flight. Precision and control of each action will be the focus. Working with limited staff support, routines of 2-3 moves can be created and performed to the class.		Through circuit and pilates type activities, fitness elements such as strength, flexibility, balance and control will be developed with regular improvements demonstrated. Direct links will be made between named large muscles and the exercises; the effects of exercise on specific body parts and the importance of regular exercise as part of a healthy lifestyle package, will be described. Pupils will experience their lessons in local fitness facilities, supported by facilities staff.	Pupils will experience and participate in playing and officiating a small selection of invasion games including adapted games e.g. basketball, volleyball, netball, hockey, tag rugby. Describe the objective to win each game. Control balls, shuttles and pucks most of the time in practice and game scenarios as coached by staff and peers. State and play fairly to some basic rules for each game. Keep score with the support of staff.	Pupils will sometimes show precision and control in a variety of athletic running events. The differences in speed and endurance required for events will be demonstrated successfully for several events. In group races, fair starts are regularly applied. Pupils make use of key points in a model performances to evaluate their own work, making and acting on, suitable suggestions for improvement.	Pupils will sometimes show precision and control in a variety of athletic field events. The specific technique for long jump, shot putt and javelin will be developed, so pupils will be able to describe the steps in a performance. Opportunities for officiating will be supported by peers. Pupils make use of key points in a model performances to evaluate their own work, making and acting on, suitable suggestions for improvement.
Art	Drawing: Pupils will develop drawing two or	Mono printing and lino printing.	Primary to secondary colours:	Painting: blending and mixing.	Pottery:	Sculpture:

	more objects together with focus on the relation to each other.	Pupils will develop mono printing on both hard and gel surfaces and begin to make simple lino designs.	Pupils will develop confidence with mixing secondary colours. Able to put together complementary colours.	Pupils will investigate artists that super blend their colours and then experiments with their newly found techniques.	Investigating slab-built pottery. Pupils will develop skills and knowledge in how to build a simple flat sided pot.	Pupils will explore modelling materials using tools and hands to make forms that represent found objects.
DT	Pupils will look at the structures around us with our focus coming to famous structures. They will test strength and stability and then designing and make their own.		Textiles – Pupils will explore the structures of materials and different ways to join them. Using this research, pupils will then design and make their own textile product.		Mechanisms: axels and wheels. Pupils will test objects with axels and wheels looking at how they work and then go onto designing and making their own.	
Computing	Digital Writing Pupils will develop their understanding of the various aspects of using a computer to create and manipulate text.	Programming Animations Pupils will be introduced to on-screen programming through Scratch Jr.	E-Safety (Project Evolve) Pupils will learn about online bullying and health wellbeing and lifestyle.	IT Around Us Pupils will develop their understanding of what information technology (IT) is and will begin to identify examples.	Creating Media Pupils will learn to recognise that different devices can be used to capture photographs and will gain experience capturing, editing, and improving photos.	
PSHE	Pupils will identify their own personal strengths and skills and appreciate personal strengths in other people. Learn simple strategies we can use to help us be organised in our learning and understand how to achieve targets and goals. Identify some behaviours that might be risky including online, which may not be safe or may entail risk.		Pupils will describe their thoughts and feelings about how different bodies are portrayed in the media and which images of people may be manipulated in the media/social media and therefore not reflect reality. Identify the difference between over the counter medicines and those prescribed by a doctor.		Pupils will identify things they can do which help to feel good about themselves. Identify things that others may say or do that could affect how we feel about ourselves. Identify a range of feelings, where we might feel them in our body, and how they might make us behave. Explain how part of growing up might be to experience strong feelings about people we like or fancy.	
RE	The Adventurers will look at how religious families and communities practice their faith and look at examples of prayer.		The Adventurers will look at what can we learn from inspiring people in sacred texts and in the history of religions.		The Adventurers will look at examples of important religious milestones in life for a specific religion.	
Careers	Core curriculum: Pupils will understand “career” as their journey through life. They will begin to explore their own skills and qualities, as well as different pathways to qualifications and into work. They will benefit from meeting people from the world of work and begin to consider their key employability skills.					
sectors and	Construction		Construction		Construction	

key skills	leadership		leadership		leadership	
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Pioneers – Clumber, Bestwood

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Walking With Our Ancestors		Fair For All		Changes	
Science	<p>Acids and Alkalis In this unit, the pupils will learn about the characteristics of chemical change. The pupils study reactions in the context of acids and alkalis, considering their reactions together as well as the reactions of acids with metals and carbonates.</p>	<p>Energy In this unit, the pupils will learn about ways in which energy can be transferred, and that energy is conserved. They should become aware that the concept of energy transfer is relevant in all areas of science. Potential energy in the forms of gravitational, elastic and chemical energy will be explored. Pupils will learn the connection between heat and temperature and consider sound energy – how sounds are made, how sound energy is transferred by waves, how we hear sounds.</p>	<p>Cells In this unit, pupils will learn about the structure and function of specialised plant and animal cells, organisation in multicellular organisms. They will explore linked processes including diffusion.</p>	<p>Heating and Cooling In this unit the pupils will learn about the particle model and its ability to explain different physical processes. They will learn to apply the standard model to explain particular phenomena, such as changes of state, thermal expansion, diffusion, density, concentration and pressure. They will learn to evaluate the strengths and weaknesses of the model in terms of what it can and can't explain, adapting it to suit a particular purpose.</p>	<p>Reproduction In this unit, pupils will learn about the structure and function of specialised plant and animal cells, organisation in multicellular organisms, different types and adaptations of unicellular organisms and how plants and humans are adapted to reproduce.</p>	<p>Earth and Atmosphere In this unit, pupils will learn about the composition of Earth's atmosphere, how it has evolved and what caused it to change. They will learn how human activities can damage and limit the Earth's resources, including the atmosphere. The pupils will explore how these changes affect the Earth and all life on it. Natural recycling and the recycling of waste materials are considered.</p>
Humanities	<p>Travelling through the Ages (Stone Age, Bronze Age and Iron Age). Pupils will look how the people lived throughout this time, the differences in landscapes and compare and contrast them to the present day.</p>		<p>The Transatlantic slave trade. Pupils will know what it is, how it started, the people involved and how it finished. They will know how Britain were involved with the slave trade. They will explore the plantations and know the jobs the enslaved people</p>		<p>Climate change - Pupils will explore what it is and how it has shaped the world so far. They will compare and contrast the weather from the Ice Age to present by looking at the continental drift. They will know the main natural causes of climate change</p>	

	They will know the changing natures of political power in Britain from the Iron Age to the present day and the changes in migration.		did and the skills they learned to survive. After this, the pupils will look at Fairtrade, why it is important around the world and how we can support Fairtrade.		by looking at volcanoes, earthquakes and tsunamis. After this, they will know the effects that climate change has had on the world by looking at hotter temperatures, more severe storms, droughts and warmer oceans. The pupils will then go onto looking into hydrology, the glacial process and the glacial landforms	
PE	Through independent, pair and group work, pupils will develop travel movements. Pupils will explore a variety of ways of traversing the hall using rolls (particularly forward rolls), turns and flight. Precision and control of each action will be the focus Working with limited staff support, routines of 2-3 moves can be created and performed to the class.		Through circuit and pilates type activities, fitness elements such as strength, flexibility, balance and control will be developed so they are used consistently with control. Actions should be copied and developed from an adult, video, peer or worksheet and repeated in group situations. Pupils will regularly experience their lessons in local fitness facilities, supported by facilities staff and make plans / actions to use these facilities independently in free time.	Experience and actively participate in playing and officiating a selection of invasion games e.g. basketball, volleyball, netball, hockey, tag rugby. Explain the objective to win each game. Control balls, shuttles and pucks consistently in practice and game scenarios as coached by staff, peers and self. Explain the basic rules for each game and apply them during the games, fairly and to advantage. Keep score with a peer.	Pupils will usually show precision and control in a variety of athletic running events. The differences in speed and endurance required for events will be demonstrated successfully for numerous events. In class races, fair starts are consistently applied. Pupils make use of model performances to evaluate their own and other's work, making and acting on, suitable suggestions for improvement.	Pupils will usually show precision and control in a variety of athletic field events. The specific technique for long jump, triple jump, shot putt and javelin will be developed, so pupils will be able to explain the steps in a performance. Independent officiating opportunities will be offered. Pupils make use of model performances to evaluate their own and other's work, making and acting on, suitable suggestions for improvement.
Art	Drawing: Pupils will further develop drawing two or more objects together with focus on the relation to each other. Experimenting	Mono printing and lino printing. Pupils will further develop mono printing on both hard and gel surfaces and begin to	Primary to secondary colours: Pupils will become fluent in knowing and mixing secondary colours, and further their skills by mixing tints tones and	Painting: Blending and mixing. Pupils will use blending skills to further develop their painting skills to improve still life set ups.	Pottery: Investigating slab-built pottery. Pupils will develop skills and knowledge in how to build a flat sided pot, add texture and know some key words.	Sculpture: Pupils will develop skills when using a range of modelling using tools and hands to make forms that represent Found objects.

	with view point with the aid of a view finder	add more depth to lino designs.	shade of primary and secondary colours.			
DT	Frame structures: Pupils will explore structures from past and present, testing for strength, stability and suitability and designing and making their own to fit a given brief.		Textiles – Pupils will explore the structures of materials and the different ways (including their own ideas) in which we can join them. Using this testing and research, pupils will then design and make their own textile product.		Mechanisms: Axels and wheels. Pupils will research objects with axels and wheels both testing and evaluating how they are made and how well they work and then go onto designing and making their own to fit a given problem.	
Computing	Desktop Publishing Pupils will become familiar with the terms 'text' and 'images' and understand that they can be used to communicate messages.	Programming Pupils will explore the links between events and actions, while consolidating prior learning relating to sequencing.	E-Safety (Project Evolve) Pupils will learn about online bullying and health wellbeing and lifestyle.	Computing Systems and Networks Pupils will apply their knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure.	Creating Media Pupils will identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally.	
PSHE	Pupils will look at simple strategies to help manage negative opinions/ comments. Explore why media, including social media can affect how people feel about themselves. Give examples of how our personal strengths, interests and skills may help us in our future lives, choices or employment Identify trusted adults and ways of reducing risk.		Pupils will identify some influences on young people to look a particular way, and the impact of these on emotional wellbeing. Describe how medicines, when used responsibly can help us to take care of our health (e.g. painkillers when we have a headache). Recognise the importance of taking over the counter and prescribed medicines correctly and understand that all drugs can have risks to health, even if they are legal or have been prescribed.		Pupils will demonstrate simple strategies to help manage our feelings about unhelpful/unkind comments. Explain that people can 'like' or 'fancy' someone of the same or different gender, race, ability or religion. Demonstrate appropriate use of the vocabulary associated with sex, sexual reproduction, gender identity and sexual orientation and recognise that everyone of all genders and sexual orientation is unique, special and worthy of respect.	

RE	The Pioneers will research what we can learn from great leaders and inspiring examples in today's world and their teachings.	The Pioneers will recap the key features of how religions and beliefs respond to global issues of human rights, fairness, social justice and the importance of the environment.	The Pioneers will research how different religions celebrate milestones in life and compare two religions.			
Careers	Core curriculum: Pupils will understand "career" as their journey through life and towards fulfilment. They will explore their own skills and qualities and begin to make connections to jobs and sectors, and research different pathways to qualifications and into work. They will benefit from meeting people from the world of work and begin to work on their key employability skills.					
sectors and key skills	construction leadership		construction leadership		construction leadership	