Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Themes	hemes Britain Rocks!		Wonderful Water		Fashionable Flowers		
Science	Rocks, Soils and Fossils	Animals including Humans	Light	Forces and Magnets	Plants	Plants	
Computing	Online safety Coding Email	I	Spreadsheets Touch typing Power Points	I	Data bases Simulations Graphing	I	
History		Changes in Britain from the Stone Age to Iron Age.		Ancient Egypt: the Achievements of the Earliest Civilizations		British Fashion: from 1066 to the Present	
Geography	The UK: Counties and Cities.		Rivers and the Water Cycle		Biomes and Geographical Skills		
DT		Food		Structures (Egyptian Tombs)		Textiles (Block Print and Tie Dyes)	
Art	British Art		Monet: River Art		Sculpture		
RE	Taking Bread and Wine	Light and Celebration	Choosing a Way of Life for a Hindu Child	Easter and Passover	The Life and Teachings of Jesus	Parables: Made up Stories and the Truth	
Music	Ballads	Developing singing techniques	Pentatonic Melodies -Chinese New Year	Creating compositions - Mountains	Traditional instruments and improvisation - India	Jazz	
PE	Invasion Games Rugby/Football and Circu	Invasion Games Rugby/Football and Circuits/Badminton		astics and Dance	Striking/Fielding Games a Rounders/Athletics/Swin	_	
PSHE	Introduction Health and Wellbeing	Finish H&B Safety and the Changing Body	Finish Safety and Changing Body Citizenship	Citizenship	Family and Relationships	Economic Wellbeing	
Mfl	¡Hola! ¿Qué Tal?	Vamos a Contar	Los Colores	En mi Estuche	Mi Familia y Yo	Mi Bandera	

Year 3 – foundation subjects' coverage

Science Learning Objectives:

Autumn Term:	Spring Term:	Summer Term:
Autumn 1 Rocks, soils and fossils Can compare and group together different kinds of rocks on the basis of their appearance and simple physical properties Can describe in simple terms how fossils are formed when things that have lived are trapped within rock Recognises that soils are made from rocks and organic matter. Working scientifically Can use standard measures	 Spring 1 Light Recognises that they need light in order to see things and that dark is the absence of light Notices that light is reflected from surfaces Recognises that light from the sun can be dangerous and that there are ways to protect their eyes Recognises that shadows are formed when the light from a light source is blocked by a solid object Can find patterns in the way that the size of shadows changes. 	Summer Plants Can identify the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers Can explore the requirements of plants for life and growth (air, light, water, nutrients from soil, room to grow) and how they vary from plant to plant Can investigate the way in which water is transported within plants Can explore the part that flowers play in the life
 Can read scales accurately and estimate between the numbers on the scale Can take measurements Understands what a fair test is Autumn 2	Working scientifically Decides how to collect data Can use standard measures to record findings Spring 2 Forces and magnets	cycle of flowering plants, including pollination, seed formation and seed dispersal Working scientifically Records results in graph form Answers questions about data presented in graphs Decides on what secondary information sources to
 Animals including humans Can identify that animals, including humans, need the right types and amount of nutrition and that they cannot make their own food; they get nutrition from what they eat Can identify that humans and some other animals have skeletons and muscles for support, protection and movement Working scientifically Recognises when a test is fair Can take measurements and record results in a table 	 Can compare how things move on different surfaces Can describe magnets as having two poles Notices that some forces need contact between two objects, but magnetic forces can act at a distance observe how magnets attract or repel each other and attract some materials and not others Can compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials Can predict whether two magnets will attract or repel each other, depending on which poles are facing. Working scientifically Decides how to collect data and present data 	Recognises when to use a fair test to answer a question

Geography Learning Objectives:

Autumn Term:	Spring Term:	Summer Term:
Autumn 1 The UK: counties and cities	Spring 1 Rivers and water cycle	Summer 1 Biomes
 To name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics Geographical skills To use the eight points of a compass To use maps, atlases and globes to compare different countries. 	 To begin to describe and understand key aspects of: physical geography including rivers and the water cycle, floods and droughts and sustainability. (to be re-visited in Y6) To begin to describe and understand aspects of human geography including; how technology facilitates local, national and global links and connections. 	 To begin to describe and understand key aspects of: physical geography including biomes. Geographical skills To use map symbols and keys to locate information To use fieldwork to observe and measure the human and physical features of the local environment.

History Learning Objectives:

Autumn Term:	Spring Term:	Summer Term:
Autumn 2	Spring 2	Summer 2
 Changes in Britain from the Stone Age to the Iron Age Knows that the Stone Age, Bronze Age and Iron Age are all periods in UK history Can talk about neo-lithic hunter gatherers and how this developed into early farmers (eg Skara Brae) Can talk about key innovations during these periods (eg Stonehenge, Invention of Iron) Can talk about key changes during these periods (eg 	 Ancient Egypt: the achievements of the earliest civilizations. Knows that Ancient Egypt was an early civilization Can talk about the achievements of the Ancient Egyptians and how they changed the world Can describe the key features of Ancient Egyptian society Can compare and contrast Ancient Egypt society 	 British Clothing: 1066 to present day Chronological understanding Place the time studied on a time line. Sequence several events, artefacts or historical figures on a timeline using dates, including those that are sometimes further apart Use dates and terms related to the study unit and passing
 art, culture, defence Historical interpretation and enquiry skills Use a range of primary and secondary sources to find out about the past Look at representations of the period – museum, 	 with today Chronological understanding Place topics studied into different periods (eg: century, decade, Neolithic and Monolithic, Egyptian, BC, AD) 	Historical interpretation and enquiry skills Look at more than two versions of the same event or story in history and identify differences
 cartoons etc Gather more detail from sources such as maps, artefacts and pictures to build up a clearer picture of the past 	Historical interpretation and enquiry skills Distinguish between different sources – compare different versions of the same story	Identify and give reasons for different ways in which the past is represented Methods of organization and presentation
Methods of organization and presentation Communicate their knowledge through: discussion and drawing pictures.	 Begin to use the library and internet for research Select and record information relevant to the study Methods of organization and presentation Communicate their knowledge through: drama/role 	Communicate their knowledge through: writing and using ICT
	play and making models	

Computing Objectives:

Autumn Term

Online safety

 Use technology safely, respectfully and responsibly; recognise acceptable /unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Coding

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

Email

- Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.
- Use technology safely, respectfully and responsibly; recognise

Spring Term

Spreadsheets

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Touch typing

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Power Points

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting,

Summer Term

Databases

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Simulations

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Graphing

 Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.



Year 3

acceptable/unacceptable behaviour; identify a		analysing, evaluating and presenting data and
range of ways to report concerns about		information.
content and contact.	•	Use technology safely, respectfully and
		responsibly; recognise
		acceptable/unacceptable behaviour; identify a
		range of ways to report concerns about
		content and contact.

 $\pmb{\mathsf{MFL Objectives:}} \ (\mathsf{https://www.lightbulblanguages.co.uk/resources/PrimarySpanish/Scheme-of-work-overview.pdf)}$

Autumn 1 ¡Hola! ¿Qué tal? Greetings Saying your name Saying how you feel	Spring 1 Los colores Colours	Mi familia y yo Members of the family, their names and ages Pets, their names and ages
Autumn 2 Vamos a contar Numbers to 15 Simple maths Saying your age	Spring 2 En mi estuche Gender of singular nouns using school equipment	Summer 2 Mi bandera describing the colours and shapes on flags

RE Objectives:

Autumn 1

Taking the bread and wine

- Retell the story of the Last Supper, suggesting the meaning the story has for a Christian
- Describe some of the ways that some Christians demonstrate their faith
- Give a reason why Christians take communion
- Identify and match the symbols of the Eucharist to key Christian beliefs
- Ask and respond sensitively to questions about their own and others' experiences about communion
- Talk about and recognise that different people might feel differently about communion
- Talk about different ways of belonging that Christians experience and compare that to their own ways of showing belonging

Spring 1

Choosing a way of life for a Hindu Child

- Retell one of the stories illustrating one of the key concepts (Karma or Dharma e.g.)
- Identify why that story is important to believers
- Give a definition of two of the concepts, illustrating their answer with reference either to Hindu practice or a story
- List some similarities between Hindu duties and their own
- Suggest meanings for the rules and duties and reasons why Hindus may follow them
- Respond sensitively to the rules and customs followed by others, saying why those rules matter to them
- Ask questions and suggest answers about why people choose to follow rules and duties

Summer 1

The life and teaching of Jesus

- Retell a story that shows the authority of Jesus, suggesting how a Christian might understand the story
- Give some reasons why Jesus has authority for Christians
- Talk about the difference that the authority of Jesus makes to Christians
- List some of the qualities that a person of authority needs to have
- Suggest reasons why authority matters in society
- Ask and answer questions about the events in Jesus life, that show his authority

Autumn 2

Light and celebration

- Retell the story of Christmas, Diwali or Chanukah by putting pictures into order
- Suggest two reasons why light is a good symbol for Christmas

Spring 2

Passover

- Retell the story of Passover/Easter
- Identify why that story is important to believers

Summer 2

Parables: made up stories and the truth

 Retell a parable from the Bible, suggesting a meaning that the story may have for a Christian



Year 3

- From a picture talk about the things that are similar between the festivals
- Suggest meanings for the symbols of light in Diwali or Chanukah
- Ask and respond to questions about why people choose to celebrate with light
- Recognise that different views of the festivals lead to different preparations and practices

- Show awareness of the similarities between Passover and Easter
- Suggest two things that matter to a Jew about Passover and two things that matter to a Christian about Easter
- Respond to an Easter hymn and talk about how it might express the feelings of Easter
- Talk about the meanings of Easter and Passover foods

- Recognise the difference between stories that are meant to be true and those that are not
- Use a parable of Jesus as a basis for a story or drama that teaches a truth
- Make some suggestions about why stories are a good way to communicate
- Talk about whether everything has to be true
- Recognise that some questions about truth are hard to answer
- Suggest reasons why truth matters in society

Music Objectives:

Autumn 1 Ballads Identify the key features of a ballad. Perform a ballad using actions. Sing in time and in tune with a song and incorporate actions. Retell a summary of an animation's story. Write a verse with rhyming words which tell part of a story. Perform their lyrics fluently and with actions.	 Spring 1 Pentatonic melodies and composition (Theme: Chinese New Year) Revise key musical terminology. Play and create pentatonic melodies. Compose a piece of music in a group using layered melodies and finally perform their finished pieces. 	 Summer 1 Traditional instruments and improvisation (Theme: India) Verbalise feelings about music and identify likes and dislikes. Read musical notation and play the correct notes of the rag. Improvise along to a drone and tal. Play a rag and a tal accurately alongside a drone. Sing accurately from musical notation and lyrics. Sing and play in time with others with some degree of accuracy and awareness of each other's parts.
Autumn 2 Developing singing technique (Theme: The Stone / Iron Age) • Move and sing as a team, following the lyrics on the screen.	Spring 2 Creating compositions in response to an animation (Theme: Mountains) • Verbalise how the music makes them feel.	Sumer 2 Jazz Explain what ragtime music is. Play on the 'off beat' and sing a syncopated rhythm.



Year 3

Spring 1

- Recognise minims, crotchets and quavers often by ear and reliably by sight.
- Perform rhythms accurately from notation and layer them to create a composition.
- Add appropriate sound effects to their performances using untuned percussion.
- Join in with the performances confidently, and reasonably in time and tune.
- Make suggestions for improving their performance.

- Create actions or movements appropriate to each section of a piece of music.
- Play in time and with an awareness of other pupils' parts, giving some thought to dynamics.
- Play melodies and rhythms which represent the section of animation they are accompanying.

- Play a call and then improvise a response.
- Improvise or compose a scat singing performance with sounds and words.

Summer 1

- Compose and play a jazz motif fluently, using swung quavers.
- Play a swung rhythm using a tuned percussion instrument.

RSE and PSHE Objectives:

Autumn 1

710.00	-p8 -	
Introduction to RSE and PHSE	Finish Safety and the changing body	Family and relationships
 How to create a successful learning 	Drugs, alcohol & tobacco	Healthy families
environment for RSE and PSHE lessons	Keeping safe out and about	Friendships - conflict
Health and wellbeing		Effective communication
My healthy diary	Start Citizenship	 Learning who to trust
Relaxation	Responsibility	Respecting differences
Who am I?	Rights of the child	Stereotyping
My superpowers	 Rights and responsibilities 	,, ,
Breaking down barriers	Recycling	
Dental health (in Autumn 2)		
Autumn 2	Spring 2	Summer 2
Safety and the changing body	Finish Citizenship	Economic wellbeing
Basic first aid	Community	Money
Communicating safely online	Local community groups	Ways of paying
Online safety	Charity	Budgeting
Fake emails	Democracy	How spending affects others
	Local democracy	Impact of spending
	• Rules	Career and aspirations

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	Jobs and careersGender and careers

Art and Design Objectives:

Autumn 1

British Art

Exploring and developing ideas

• Use sketchbooks to record their observations. Drawing

- Experiment with different grades of pencil and other implements.
 - Plan, refine and alter their drawings as necessary.
 - Draw for a sustained period of time at their own level.
 - Use different media to achieve variations in line, texture, tone, colour, shape and pattern.

Painting

Spring 1

Monet: river art

Exploring & developing ideas

• Explore art from different eras

<u>Use the work of artists to replicate ideas or inspire</u> <u>their own work</u>

- suggest how artists have used colour, pattern and shape
- know how to create a piece of art in response to the work of another artist
- continue to use key vocabulary to demonstrate knowledge and understanding in this strand, and relate learning to previous and future learning and skill development

Painting

Summer 1

Nature inspired sculptures

Sculpture

- Make informed choices about the sculpting technique chosen.
- Show an understanding of shape, space and form.
- Plan, design, make and adapt models.
- Use some tools and materials to carve, add shape, add texture and pattern

Used in our DT project (Summer 2)

Printing

- Print using a variety of materials, objects and techniques including layering.
- Talk about the processes used to produce a simple print.



Year 3

- To improve mastery of art and design techniques, including painting in the context of composition.
- Experiment with different effects and textures including: blocking in colour, washes, thickened paint etc.
- Associate colours with different moods.

- Mix a variety of colours and know which primary colours make secondary colours
- Use a developed colour vocabulary
- Experiment with different effects and textures including: blocking in colour, washes, thickened paint etc
- Work confidently on a range of scales e.g. thin brush on small picture etc

Textiles

- Use a variety of techniques, including: printing, dying, quilting, weaving, embroidery, paper and plastic trappings and appliqué.
- Name the tools and materials they have used.
- Develop skills in stitching.
- Experiment with a range of media e.g. overlapping, layering etc.

Design and technology Objectives:

Autumn 2

Healthy Food

<u>Design</u>

Plan the order of the work before starting.

Make

- Select suitable tools/equipment, explain choices;
- Work through plan in order
- Consider how good product will be
- Begin to measure, mark out, cut and shape materials/components with some accuracy

Spring 2

Structures (Ancient Egyptian Tombs and Canopic Jars)

Design

- Identify a purpose and create their own design criteria for a successful product.
- Investigate and develop a design, and make drawings with labels when designing.

<u>Make</u>:

- Begin to use tools/equipment accurately
- Select appropriate materials, fit for purpose.
- Begin to measure, mark out, cut and shape materials/components with some accuracy

Summer 2

Textiles (inspired by our history unit – British Clothing: from 1066 to present)

Design

• Generate ideas for a product and consider its purpose and the user/s.

Evaluate

 Begin to evaluate existing products, considering: how well they have been made, materials, whether they work, how they have been made, fit for purpose



Year 3

•	Begin to assemble, join and combine materials and
	components

Evaluate

- Look at design criteria while designing
- Use design criteria to evaluate finished product
- Begin to assemble, join and combine materials and components with some accuracy
- Begin to apply a range of finishing techniques with some accuracy

<u>Evalua</u>te

- Look at design criteria while designing and making
- Use design criteria to evaluate finished product and say what I would change to make design better

Learn about some designers of ground-breaking products

PE Objectives:



Year 3

Autumn

Invasion games

- Partner using a number of sending and receiving techniques.
- Improve accuracy of passes and use space to keep possession better.
- Remain in control of ball while travelling.
- To help others know where they are going.
- Look when travelling and what happens after they have passed ball
- Play games that involve keeping possession and scoring in targets. (3vs 1 and 4vs 1 games.)
- Know which passes are best, tactics to keep possession.
- Find space to receive and support

Health and Fitness

- Keep up an activity over a period of time and know what they need to warm up and cool down for dance. (H&F)
- Recognise and describe what their bodies feel like during different types of activity.
- Describe what happens to their heart, breathing and temperature during different types of athletic activity.

Evaluating and Improving Performance

Can say how their work is similar to and different from others

Spring

Gymnastics

- Develop and perform actions.
- Practice and concentrate on quality of movement.
- Link different balances moving in and out of positions of stillness.
- Transfer weight smoothly from one part of body to another.
- Use actions on floor and over, through, across and along apparatus.
- Vary and apply actions on floor and apparatus.
- Copy a partner's sequence on floor and apparatus.
- Perform easy combinations of contrasting actions.
- Choose combinations that work in their sequences

Dance

- Improvise freely on their own and with a partner, translating ideas from a stimulus to a movement.
- Learn a short sequence with a clear, middle and end that they can perform on their own and in a group, with between 8-20steps.
- Learn how to develop actions and movements within short dances by changing the dynamics, space and relationships.
- Learn a variety of travels, gestures, turns, jumps and balances with good composure and control

Net and Ball Games

- Practise throwing and catching with a variety of different balls and using different types of throwing.
- Hit the ball with a racket.
- Use different shots.
- Play games using throwing and catching skills.
- Vary strength, length and direction of throw.
- Know how can they make it difficult for opponent to receive ball.
- Stand when receiving.
- Understand attack and defence tactics.
- Understand rules about the games.

Evaluating and Improving Performance

Summer

Striking and Fielding Games

Consolidate and develop the range and consistency of their skills in striking and fielding games.

Multi Skills and Athletics

- Choose skills and equipment to meet the challenges they are set. Eg: by increasing the distance thrown.
- Use different techniques, speeds and effort to meet challenges set for running, jumping and throwing. (S&A)
- Children will be taught how to use their bodies to:
 - Sprint 50m within 17secs developing to 13secs for challenge
 - Jump for height 20cm
 - Jump for distance 100cm
 - Leap hurdles over 50m within 25sec
 - Overarm throw 20m
 - Chest push 34m
 - Run for longer distance 400m in 3min 30 sec
- Participate in Sports day

Swimming

- Swim 10m unaided in shallow water using one basic method.
- Kick legs from the hip and identify when this needs improvements.
- Put face in water and blow bubbles.
- Enter and exit water safely and remain safe around water.
- Explain what dangers to identify around water

Evaluating and Improving Performance

Applies learning to improve their performance

Year 3

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	Can offer and receive constructive criticism and	
	feedback	

Year 3