Theme	Knowledge	Skills	Key vocabulary
			and concepts
SP1: Plants	Plants are living things which need water, light and a suitable temperature to grown and stay healthy. As plants grow, their appearance may change.	Name a variety of common wild and garden plants, including deciduous and evergreen trees Describe the basic structure of a variety of common flowering plants, including trees	Plants Living things Water Light Temperature
	There are many different types of plants that can be found in the world around us.	Draw diagrams showing the parts of different plants including trees.	Reproduce Germinate Grow
	Plants have lots of different parts. For example: leaves, flowers, blossom, petals, fruit, roots, bulb, seed, trunk, branches and stems.	Observe the growth of flowers and vegetables that they have planted	Seed Bulb Leaves
	Plants begin their life as either seeds or bulbs. These need water to grow, but most do not need light.	Explore and answer questions about plants growing in their habitat.	Flowers Blossom Petal
	Seeds and bulbs have a store of food inside them.	Keep records of how plants have changed over time, for example the leaves falling off trees and buds opening.	Fruit Root Trunk
	Plants reproduce in a number of different ways.	Observe and describe how seeds and bulbs grow into mature plants.	Branches Stem
		Grow plants from seeds and bulbs	
		Use the local environment throughout the year to observe how different plants grow.	
		Practical scientific skills:	
		Ask simple questions and recognising that they can be answered in different ways	
		Observe closely, using simple equipment	

		Identify and classify	
		Use their observations and ideas to suggest	
		answers to questions	
		Gather and record data to help in answering	
		questions.	
Sequence of Lessons: 1) To find out what plants ne 2) To begin an investigation i 3) To learn about the differer 4) To finish our investigation 5) To identify different types	nto the growth of plants nt parts of plants		
SP2: Our Diverse Planet	Recycling is reusing materials to make sure they don't get wasted.	Identify if we can recycle things by looking at packaging.	Recycle Packaging
	We can tell if something is recyclable and how to do it	Describe what animals need to survive and	Animal Survive
	by looking at the packaging.	consider what sort of shelter they need.	Natural habitat Environment
	Recycling is important because throwing away things creates pollution.	Design and build a shelter for an animal considering their natural habitat and their needs.	Needs Food Water
	Animals need many things to survive – an important thing they need is shelter.	Practical scientific skills:	Air Investigate Survey
	We can help some animals survive by building them shelters like bird houses.	Ask simple questions and recognising that they can be answered in different ways	Construct
		Observe closely, using simple equipment	
		Perform simple tests	
		Identify and classify	
		Use their observations and ideas to suggest	
		answers to questions	

	Sequence of lessons: 1) To learn about recycling and why this is important for the environment 2) To investigate what living things are present in our school grounds 3) To learn what animals need to survive 4) To plan a bird house made from recycled materials 5) To construct my bird house and install it in our school grounds					
	Theme	Knowledge	Skills	Key vocabulary		
				and concepts		
	Explorers	Explorers make journeys into the unknown and make records or their travels. They are searching for scientific	Recognise the difference between 'old' and 'new' and give reasons for their ideas.	Explore Explorer		
History	or geographical information. Ibn Battuta travelled for 29 years, visiting India, China, West Africa and Europe. He wrote about his travels in a book.	Know where some basic events, artefacts and key people from a topic fit on a timeline and begin to use dates. Begin to order dates from earliest to latest.	Journey Discover Scientific Geographical Ibn Battuta			
		Christopher Columbus was a sailor. He became famous as the explorer who found new lands called 'The Americas'.	Develop their use of timelines to support the retelling of past events with some use of dates. Identify and describes differences between	Christopher Columbus Felicity Aston Equipment Supplies Ship		
	He found the Americas by accident. He did not treat people who already lived there very well. Felicity is a British Polar explorer and the first woman in the world to ski across Antarctica alone. She has written five books about explorers and her own experiences. Explorers can face many types of dangers including extreme weather and dangerous animals. Explorers need lots of types of equipment to help them survive and reach their destination.	objects, people and lifestyles in the past. Understand that there are reasons why people in the past acted as they did.	Sledge Skis Camel caravan			
		Understand that some people and events are more historically significant than others.	Africa America Antarctica Dangers			
		Ask and answer historical questions. Use a broader range of sources (pictures, photos, artefacts, stories, field trips etc.) to extract information about the past.	Risks			
		Begin to recognise different ways we can learn about the past.				

	Sequence of Lessons: 1) To understand what explorers and do and why 2) To learn about Ibn Battuta and his explorations 3) To learn about Christopher Columbus and his explorations 4) To learn about Felicity Aston and her explorations 5) To compare the equipment and dangers faced by different explorers						
	Theme	Knowledge	Skills	Key vocabulary			
				and concepts			
Geography	The Local Area	Our school is in Heeley which is in the city of Sheffield, which is in the country of England. England is one of the four countries of the United Kingdom. Our capital city is London. The United Kingdom is in the continent of Europe. A city is an area of a country where lots of people live and work. A country is an area which has its own government and makes its own laws. A continent is a group of countries which are located next to each other. In our local area there are lots of different physical features. Physical features are parts of the landscape that have always been there. In our local area there are lots of different human features. Human features are parts of the landscape that have been built by humans. When we use maps and draw maps we can use symbols to show where different features are. We can include a key so other people know what the symbols mean.	Use a range of maps and photographs to identify the location of areas being studied. Use simple compass directions and locational language to describe the position of areas being studied. Use a range of maps and photographs to identify and describe the key physical and human features in a place being studied. Use simple fieldwork and observational skills to study and learn about a place being studied. Create and draw maps, incorporating bird's eye perspectives, symbols and keys to show their understanding of a place being studied.	School Heeley Sheffield London England United Kingdom Europe The world City Capital city Country Continent Physical feature River Hill Woods Human feature Houses Park Church Farm Shops Map Symbol Key Birds eye view			

- 2) To find and describe physical features in our local area
- 3) To find and describe human features in our local area
- 4) To conduct some fieldwork to find out how our local area can be improved
- 5) To create a map of local area using symbols and a key

Theme	Knowledge	Skills	Key vocabulary
			and concepts
SP2 – Andy Goldsworthy Inspired Clay Nature Prints	Andy Goldsworthy is an artist who creates artwork out of things he finds in nature like rocks, leaves and sticks. His work is usually found outside rather than in galleries or museums. Sometimes it is temporary which means that the weather can blow or wash it away. A sculpture is a 3D artwork – this means they do not just rest flat on a piece of paper. They can be picked up and viewed from a number of positions. Clay is a natural material which can be shaped into 3D sculptures. It starts off damp and then dries in the air or in an oven called a kiln. We can press objects into clay which then holds the shape of the objects. Clay can be painted once it is dry to add colour to our creations.	Study and evaluate the work of notable artists and give personal opinions about their work. Use inspiration from notable artists to create their own work. Use key vocabulary to describe the work of notable artists. Use a variety of techniques such as rolling, cutting, pinching and imprinting to mold and shape 3D forms. Collect and choose items and objects for their final pieces. Add simple primary colours to final pieces, thinking about the mood they represent. Evaluate their own work thinking about what they have done well and what could be improved.	Clay Sculpture Artist Andy Goldsworthy Outdoors Gallery Museum Mold Roll Cut Pinch Print Colour Primary Nature Natural Final piece Evaluate

- 1) To study and evaluate the work of Andy Goldsworthy
- 2) To practise a range of clay shaping techniques
- 3) To collect plant samples from our school grounds
- 4) To plan my final piece
- 5) To make and evaluate my final piece

	Theme	Knowledge	Skills	Key vocabulary and concepts
DT	SP2: Shoe Box Dolls Houses	Dolls houses are children's toys that are smaller versions of real houses. Dolls houses must be safe to use as small children play with them. They must also be exciting and eye-catching. A hinge is a joining part which allows us to open and close windows and doors. When we design our dolls houses we need to think about safety and also how we will make them appealing to children. When we have finished designing and making a product it is important to evaluate our work to think about what we can do better next time.	Design appealing products for themselves and others based on simple design criteria. Generate initial ideas based on their own experiences and discussion with others with some explanation of their thought process. Develop and communicate these ideas through discussion, drawings, templates and mock-ups. Begin to choose tools that could be used from a selection. Think about the size of the components of a design and begin to take measurements with support. Use simple joining techniques to make structures strong and stable. Use basic techniques such as hinges to allow for moving parts. Use basic finishing techniques to make products eye-catching and appealing.	Dolls house Toy Design criteria Safety Appeal Evaluate Practise Component Hinge Moving parts Measure Tool Scissors Ruler
	Sequence of Lessons: 1) To study and evaluate a rang 2) To practise making hinges fo 3) To plan my dolls houses from 4) To begin to make my dolls houses 5) To finish making and evaluate	r a doll's houses n design criteria ouse		

	Theme	Knowledge	Skills	Key vocabulary
				and concepts
Computing	SP1: Robot Algorithms	Algorithms are a set of clear, precise, and ordered instructions. A computer program is the use of an algorithm on a digital device. The instructions that make up an algorithm can also be called 'code'. We can read code to predict what a program will do. At the start of a coding project, we need to think about what we want our program and algorithms to do. The next step is to design our program and the code. After this, we input the code to create the algorithm.	Follow instructions given by someone else. Choose a series of words that can be acted out as a sequence. Give clear instructions. Use the same instructions to create different algorithms. Use an algorithm to program a sequence on a floor robot. Show the difference in outcomes between two sequences that consist of the same instructions.	Algorithm Code Program Instructions Sequence Predict Bug Debug Test Route
Comp		When we have finished creating an algorithm, we should test it to check for mistakes or 'bugs'. Removing 'bugs' is known as 'debugging'.	Follow a sequence. Predict the outcome of a sequence. Compare my prediction to the program outcome. Explain the choices that I made for my mat design. Identify different routes around my mat. Test my mat to make sure that it is usable. Explain what my algorithm should achieve. Create an algorithm to meet my goal. Use my algorithm to create a program. Test and debug each part of the program.	

		Diam algorithms for different next of a tall	
		Plan algorithms for different parts of a task.	
		Put together the different parts of my program.	
B) To use logical reasoning to p	nen we change the order of instructions predict the outcome of a program g projects can have code and artwork	Record data in a tally chart.	Information
SP2: Pictograms	we study data, we can spot patterns and draw conclusions. This is called information.	Represent a tally count as a total.	Data Tally chart
	A tally chart is a simple way of showing amounts using 'sticks' in groups of five.	Compare totals in a tally chart.	Enter Format Pictogram
	A pictogram is a visual way of organising information using pictures. When we make a pictogram, we need to choose where we will collect data from and what 'attribute' we will focus on. For example, we could collect information from our class about hair colour. We can look at pictograms to compare amounts and think about how different amounts compare to each other. Before making a pictogram, we need to collect our data. It is important that we are very careful when sharing data or information online – some may be private.	Use a computer to view data in a different format. Use pictograms to answer simple questions about objects. Organise data in a tally chart. Use a tally chart to create a pictogram. Explain what the pictogram shows. Tally objects using a common attribute. Create a pictogram to arrange objects by an attribute.	Organise More than Less than Most Least Attribute Compare

	Collect the data I need.	
	Create a pictogram and draw conclusions from it.	
	Use a computer program to present information in different ways.	
	Share what I have found out using a computer.	
	Give simple examples of why information should not be shared.	

- 1) To recognise that we can count and compare objects using tally charts
- 2) To recognise that objects can be represented as pictures
- 3) To create a pictogram

PE

- 4) To select objects by attribute and make comparisons
- 5) To recognise that people can be described by attributes
- 6) To explain that we can present information using a computer

Th	eme	Knowledge	Skills	Key vocabulary
				and concepts
		Hockey is an invasion game played between two teams.	Understand and follow the rules of the game.	Hockey Stick
SP1:	Class Teacher: Hockey	The aim of the game is to score in the opponents' goal.	Watch and describe a performance accurately. Recognise what is successful.	Ball Team
		Each player has a stick which they must control the ball	Necognise what is successful.	Attack
		with. Apart from the goalie, players are not allowed to use their hands or feet.	Understand and describe changes to your heart rate when playing a game	Defend Dribble
		use their hands of feet.	rate when playing a game	Pass
		For safety reasons, players are not allowed to raise the	Perform a range of skills with control of the	Block
		stick above waist height.	ball.	Tackle Shoot
		Players are allowed to tackle each other and take the	Pass a ball with control and increasing accuracy	Score
		ball, but they are not allowed any physical contact.	and consistency.	Goal
		Field hockey requires a combination of skills including	Develop fundamental movement skills,	Teamwork
		speed, hand-eye coordination, and teamwork.	becoming increasingly confident and competent, moving fluently, changing direction and speed – with and without a	

	T	hall	1
		ball.	
		Choose and use simple tactics to suit different	
		situations in small sided games.	
		React to situations in ways that make it difficult	
		for opponents.	
Sequence of Lessons:		тог орронента.	<u> </u>
To move into space showing	awareness of others		
2) To move with control.	, dwareness of others.		
3) To pass/receive a ball with o	ontrol		
4) To dribble a ball using a hock			
5) To move towards a goal to d	•		
6) To compete against others to			
-,	. 1		
		T=	
CD4 DEC	Basketball is a fast-paced team sport played on a	Throw and catch the ball with increasing	Basketball
SP1: PE Specialist: Basket Ball	rectangular court.	control, and throw the ball in different	Ball
		ways e.g. fast, slow, high, low (mastering basic	Basket
	Two teams of 5 players use their hands to dribble	throwing technique).	Attack
	(bouncing the ball while moving) and pass the ball to		Defend
	each other with the aim of shooting the ball through	Perform a range of actions with the ball	Aim
	their opponent's hoop to score.	keeping it under control.	Catch
			Close
	Players cannot run with the ball – they must dribble the	Show good awareness of others when playing	Control
	ball.	games.	Explore
			Pass
	A player can't stop dribbling and then start again. Once	React to situations to make it difficult for	Ready
	a player stops dribbling, they need to pass the ball to a	opponents – using simple tactics.	Teamwork
	teammate or try to shoot for a basket.		Accuracy
		Begin to understand the importance of	Rules
	Players cannot take the ball out of an opponent's hands	preparing safely and carefully for	Score
	– they must try to block shots.	exercise – warming up/down.	Space
	Deskethall is a tager angut Discourse in solid constitution		
	Basketball is a team sport. Players should pass the ball	Understand and describe changes to your heart	
	to their teammates and work together to try to score	rate when playing a game.	
I	points. It's important to share and take turns.		

- 1) To move with a ball.
- 2) To move with a ball under control.
- 3) To throw a ball high, low, fast and slow.
- 4) To catch with some control.
- 5) To move towards a goal to defend it.
- 6) To compete against others trying to score.

SD2.	Clace	Teacher.	Athletics
JFZ.	Class	reacher.	Auments

Athletics is a collection of sports that includes running, jumping and throwing.

Running takes place on an athletics track, there are various running distances including sprints, middle distance, long distance and relay races.

Field events involve either jumping or throwing.

Athletics requires a range of skills and attributes such as stamina, strength and hand-eye coordination.

Most athletics events are completed as individuals, however, some like relay races require cooperation and teamwork.

Explore and practice a variety of athletic movements and apply athletic skills and techniques to a variety of activities.

Develop coordination and balance whilst exploring different running, jumping, and throwing techniques.

Begin to show control, coordination, and consistency when running at speed.

Develop a range of jumping techniques.

Develop the underarm and pull throw Technique.

Understand the variety of correct running techniques.

Develop the distance running technique, understanding the difference between sprinting, and running over longer distances.

Begin to evaluate and improve own performance.

Jumping Throwing Challenge

Athletics

Running

Running Landing

Aim

Coordination Movement

Balance

Teamwork

Relay Improve

Target Speed

- 1) To run with control
- 2) To control your body and equipment when
- 3) To run with the correct arm technique
- 4) To run and jump on the balls of your feet
- 5) To show a correct pull throw technique
- 6) To compete against yourself

	Gymnastics is an Olympic sport that requires a	Demonstrate flowing movement, changing the	Gymnastics
SP2: PE Specialist:	combination of strength, flexibility, coordination, and	dynamics of movement through	Gymnast
Gymnastics	balance.	different levels and directions.	Stepping
Ĺ			Body Control
	At competitions, judges award points to Gymnasts for	Combine different ways of travelling with	Reflection
	performing good quality leaps, jumps, turns, and	control.	Individual
	acrobatic skills		Performance
		Develop flexibility, strength and coordination.	Unison/ Canon
	Gymnastics consists of a range of different disciplines.		Technique
	For example, artistic gymnastics, rhythmic gymnastics,	Continue to develop a range of gymnastic	Mirroring
	trampoline gymnastics, acrobatic gymnastics and	elements, including small and large point	Apparatus
	tumbling.	balances and rolls.	Explore
			Routine
	Gymnastic manoeuvres must be completed safely and in	Land safely and with control when performing	Sideways
	the correct way to avoid injury.	jumps off the floor and apparatus.	Stretching
			Sissonne
	In some gymnastic events, gymnasts perform alone, and	Create floor and apparatus sequences on your	Arabesque
	in others, work as a team.	own and with a partner showing	Tension
		quality of movements.	Feedback
		Understand the importance of travelling and	
		transitioning with quality and	
		purpose.	
		Understand and describe changes in heart rate	
		when active.	

- To move smoothly with control
 To link stepping with other elements.
- 3) To jump with control.
- 4) To balance on large and small body parts.
- 5) To roll with others.

RE

6) To create sequences with a partner.

Theme	Knowledge	Skills	Key vocabulary
			and concepts

	Everybody has special places that make them feel	Name places of worship for different religions	Place
SP1: Sacred Places (What	comfortable, safe and calm.	and recognise some of their key features.	Special
makes somewhere sacred?)			Sacred
	A sacred place is a place linked to religion. Usually these	Talk about places that are special and explain	Reflect
	places are places of worship where members of the	why they are special.	Place of worship
	religion go to feel close to their god or gods.		Church
		Talk about places that are sacred and what	Mosque
	There are different sacred places for different religions.	makes them sacred.	Mandir
	They will have key features and be organised in certain		Synagogue
	ways. Some sacred places will have rules on how to	Explain why religious people choose to go to	Christianity
	behave.	their places of worship.	Islam
			Hinduism
	A Christian sacred place is called a church.	Identify similarities and differences between	Judaism
	·	places of worship.	
	An Islamic sacred place is called a mosque.		
		Suggest things that people do to find peace	
	A Hindu sacred place is called a mandir.	stillness and rest and why they do them.	
		, , ,	
	A Jewish sacred place is called a synagogue.	Understand and explain the difference	
	. , , , ,	between a special place and a sacred place.	

- 1) To reflect on the places that are special to us
- 2) To think about why some places are sacred
- 3) To visit and learn from a sacred place
- 4) To be able to explain why a place is sacred
- 5) to be able to explain the difference between special and sacred

	A pilgrimage is a religious journey taken to a special or a	Develop an awareness of our needs, views and	Pilgrim
SP2: Journeys (What happens	sacred place.	feelings and be sensitive to those of others.	Pilgrimage
on a spiritual journey?)			Journey
	Pilgrimages are based upon religious stories – often	Develop knowledge and respect for our own	Spiritual
	pilgrims retrace the footsteps of other pilgrims before	cultures and beliefs and those of others.	Please
	them.		Thanks
		Discuss and explain what different religious	Sorry
	Pilgrimages are meant to help the pilgrims grow and	pilgrims do.	Love
	change in a spiritual way.		Story
		Reflect on the value of apologising, giving	Feelings
	Pilgrimages are often a way for pilgrims to say sorry, to	thanks and saying please.	Reflect
	express thanks, to make devotion.		
		Understand and explain the stories about well-	
		known pilgrims and their journeys.	

	Discuss and reflect upon the feelings that pilgrims encounter on their journey.	

- 1) To begin to think about pilgrimages
- 2) To begin to learn about some well-known pilgrimages
- 3) To reflect on what it feels like to go on a pilgrimage
- 4) To reflect on the importance of giving thanks and apologising
- 5) To show what I have learnt about pilgrimages

Theme	Knowledge	Skills	Key vocabulary and concepts
	We all face challenges in our lives, and it's important to	Choose and select realistic goals and	Goal
SP1: Dreams and Goals	show perseverance in the face of these.	challenges.	Challenge Realistic
	When selecting goals and challenges, it's important to be realistic about what we can achieve.	Decide upon the steps I need to take to achieve my goals and challenges.	Unrealistic Help Support
	It is important to think about who we can help and who can help us to achieve our goals.	Support others to achieve their goals and challenges and help others to achieve theirs.	Achieve Fail Group
	Working in groups can help us, but it can also create challenges.	Celebrate my own and others achievements.	Team Success Celebrate
	It's important to share and celebrate our successes and the successes of other people.		

- 1) To select a challenge or a goal
- 2) To identify the steps needed to achieve a challenge or goal
- 3) To think about how we can help each other to learn
- 4) To reflect upon our hopes and dreams
- 5) To think about how we can celebrate our achievements
- 6) Online Saftey: Sheffield Scheme: Communicating Online (S3): LC: To understand what information we share with people who we don't know

	Being healthy is important for a happy life. It is	Explain the importance of exercise and the	Healthy
SP2: Healthy Me	important to look after our physical health and our	different ways in which we can take part.	Physical
·	mental health.	, .	Mental
		Talking about what might cause us stress and	Exercise
	Exercise is very important for keeping our bodies fit and	how we can unwind and relax.	Fit
	healthy. It also helps to improve our mental health.		Stress
		Discuss the dangers of medicines and how to	Relax
	Stress can be bad for our mental and physical health. It	take them in a safe way.	Unwind
	is important to find ways in which we can unwind and		Medicine
	be calm.	Explain what a healthy diet is and identify what	Dangerous
		foods are healthy or not.	Careful
	Medicines can be very dangerous if taken in the wrong		Adult
	way. We must be very careful and not take any		Diet
	medicine without an adult.		Balanced
			Fruit
	What we eat has a big effect on our physical health. We		Vegetables
	need to make sure we have a balanced diet with		Sugar
	different amounts of the different food groups.		Fat
	We can make our lifestyles healthier by make a few		!
	small changes.		

- 1) To understand what it means to be healthy and reflect on the importance of exercise
- 2) To learn about the importance of relaxation and avoiding stress
- 3) To understand how and why to behave safely with medicines
- 4) To think about the importance of healthy eating
- 5) To think about how we can make our diet more healthy
- 6) Online Saftey: Sheffield Scheme: Feeling Uncomfortable Online (P2): LC: To Understand that there are inappropriate images and text on the internet

C	Theme	Knowledge	Skills	Key vocabulary and concepts
JSi	SP1: Tempo, dynamics and	Tempo is how fast or slow a piece of music is.	Identify and describe the tempo of different pieces of music.	Tempo Pitch
1.	timbre	The pitch of a piece of music is how high or low it		High
2		sounds.	Experiment and investigate how we can make	Low
			high and low sounds, using the term 'pitch'.	Dynamics
		Music can be played softly or loudly – this is called		Loud
		dynamics.	With experiment with dynamics, making both	Soft
			loud and soft sounds.	Quiet

	We can use our voices to make lots of different sounds with varying pitch and dynamics. We can use instruments in different ways, varying the pitch and dynamics.	Experiment with different ways of using our voices. Investigate different ways of using instruments. Listen to others' musical ideas and comment on them. Share our own ideas and receive feedback on them.	Voices Instruments
,	nd low sounds		
SP2: Rhythm	The pulse of a piece of music is the steady beat that forms the foundation of a piece of music. The rhythm of a piece of music is the pattern of sounds on top of the pulse. We can use symbols to represent different sounds and their qualities. We can compose our own rhythms using very little equipment.	Find the pulse in a piece of music and follow this using clapping or other rhythmic sounds. Follow rhythms as opposed to pulse and explain the difference between the two concepts. Begin to use basic symbols to represent different sounds and their qualities. Recognise some basic musical symbols and follow them. Compose simple rhythms and share them with	Pulse Rhythm Beat Steady Pattern Symbol Represent Compose Share Listen Appraise
		others, taking feedback. Listen to the musical ideas of others and offer constructive feedback.	

- To be able to find the pulse of a piece of music
 To explore the difference between pulse and rhythm
- 3) To use symbols to represent sounds
- 4) To be able to recognise different musical symbols
- 5) To be able to compose my own rhythm