CAYTON MEDIUM TERM CURRICULUM PLAN SCHOOL YEAR 1 – SPRING 1



Learn from yesterday, seek today and aim for tomorrow

September 2024

Geography Driver: Hot and Cold Places

Key Enquiry: Why can't a penguin live near the equator?

Geography Driver

What I need the children to learn	Possible learning experiences
Place Knowledge	
Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country	
 Can I compare Scarborough (coastal) with hot and cold places around the world? Can I investigate and locate temperatures in hot and cold places and map them on an atlas in relation to the equator and poles? Can I look at and compare the physical geography Antartica and a desert? 	Locality walk around the coast Google Earth other non-European countries to contrast – use key vocabulary to sort in a table Desert/ Antarctica Look at temperature mapping and link to animal habitats and plants found there

Supporting the Geography Driver

Geography

What I need the children to learn		Possible learning experiences
Human and Physical Geography		
Identify seasonal and	Use basic	
daily weather patterns	geographical	
in the United Kingdom	vocabulary to refer to:	
and the location of hot	beach, cliff, coast,	
and cold areas of the	forest, hill, mountain,	
world in relation to the	sea, ocean, river, soil,	
Equator and the North	valley, vegetation,	
and South Poles	season and weather	
	city, town, village,	
	factory, farm, house,	
	office, port, harbour	
	and shop	
Can I record and nam	e different types of weather	Weather charts and diaries
over a period of t	ime in a weather diary?	Plotting simple temperature charts
Can I compare our we	eathers to weathers around	Label the coast/ town / countryside activities
the world in more extreme climates?		Own weather forecast – record with own
		symbols
Can L recognise the main differences between a		Season artwork – contrasting seasons
city town and village?		Poster work for City/ Town/ Village
		requirements

Science

What I need the children to learn	Possible learning experiences
Seasonal Change	
Forces	
Seasonal Change Forces National Curriculum Objectives • Observe changes across the four seasons • Observe and describe weather associated with the seasons and how day length varies Scientific Enquiry • Using their observations and ideas to suggest answers to question • Identifying and classifying • Performing simple tests • Gathering and recording data to help in answering questions	Learning Intentions (to be stuck in books) • Understand there are four seasons • Understand the changes that take place in autumn • Understand the changes that take place in winter • Understand the changes that take place in winter • Understand the changes that take place in spring • Understand the changes that take place in spring • Understand the changes that take place in summer • Investigate how you can measure rainfall Keywords Season spring Summer autumn Winter hibernate Weather protect Harvest frost Sleet temperature Compare changes
	Grow chick Warm sun protection Temperature heatwave Rainfall measuring Record results araph

Computing

What I need the children to learn	Possible learning experiences
Programming A – Moving a robot	
National Curriculum Objectives - Pupils should be taught to: Computing • understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • recognise common uses of information technology beyond school	Please use the learning objectives from the Teach Computing website which may vary slightly from the above (this ensures that we always have the up to date learning outcomes). This unit focuses on developing learners' understanding of computer programming. It highlights that algorithms are a set of clear, precise, and ordered instructions, and that a computer program is the implementation of an algorithm on a digital device. The unit also introduces reading 'code' to predict what a program will do. Learners will engage in aspects of program design, including outlining the project task and creating algorithms.
 To explain what a given command will do I can predict the outcome of a command on a device I can match a command to an outcome I can run a command on a device 	Bee-Bot, forwards, backwards, turn, clear, go, commands, instructions, directions, left, right, route, plan, algorithm, program.
 To act out a given word I can follow an instruction I can recall words that can be acted out I can give directions 	

To comb	ine 'forwards' and 'backwards' commands to make	
a seque	nce	
•	I can compare forward and backward movements	
•	I can start a sequence from the same place	
•	I can predict the outcome of a sequence involving	
	'forwards' and 'backwards' commands	
To comb	ine four direction commands to make sequences	
•	I can compare left and right turns	
•	I can experiment with 'turn' and 'move' commands	
	to move a robot	
•	I can predict the outcome of a sequence involving	
	up to four commands	
To plan	a simple program	
•	I can explain what my program should do	
•	I can choose the order of commands in a	
	sequence	
•	I can debug my program	
To find r	nore than one solution to a problem	
•	I can identify several possible solutions	
•	I can plan two programs	
•	I can use two different programs to get to the	
	same place	

Design Technology (possible unit)

What I need the children to learn	Possible learning experiences
Designing	
Design - purposeful, functional, appealing products for themselves and other users based on design criteria Design - generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	Making a hideout for a meerkat it must be waterproof and have a door.
 use own ideas to design something and describe how their own idea works design a product which moves explain to someone else how they want to make their product and make a simple plan before making 	Use a design criteria provided to create a plan
Making	
Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	
 use own ideas to make something make a product which moves choose appropriate resources and tools 	Bird Feeders- completed Autumn 1
Evaluating	
Explore and evaluate a range of existing products Evaluate their ideas and products against design criteria	
 describe how something works explain what works well and not so well in the model they have made 	Did the birds come? Whose model went the highest? Why? Did it work? Did the part move? Evaluate the shelter for meerkat

Technical Knowledge	
Build structures, exploring how they can be made stronger, stiffer and more stable Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	Can they make the shelter stronger/ better- how? More watertight?
make their own model stronger	

Physical Education – Follow Real P.E. and supplement with NC P.E. experiences

What I need the children to learn	Possible learning experiences
Gymnastic Movements	X 6 Gym sessions using Unit 3 Real Gym
Developing balance, agility and co-ordination,	
and begin to apply these in a range of activities	
 make body curled, tense, stretched and relaxed control body when travelling and balancing copy sequences and repeat them roll, curl, travel and balance in different ways 	Unit 3 Cognitive I can understand and follow simple rules and can name some things I am good at. Real Gym Shape I can perform an accurate shape. I can use good body tension to hold the shape. I can perform a repeatable shape. I can move with good posture. I can move with light and quiet steps. I can move across low apparatus. Ser 1
Basic movements and Team Games	
Master basic movements including running, jumping, throwing and catching, as well as participate in team games, developing simple tactics for attacking and defending	
 throw underarm throw and kick in different ways 	
Dance	
Perform dances using simple movement patterns	
perform own dance moves	
copy or make up a short dance	
move safely in a space	
Keal P.E.	
I can understand and follow simple rules and can name some things I am good at. Nigel Carson Sessions	

Age Group	Block 2	Block 3	Block 4	Block 5	Block 6
Monday Year 1	Ball Skills Hands	SAQ	Net and Wall Games	Striking and Fielding Games	Athletics
Monday Year 2	Ball Skills Hands	SAQ	Net and Wall Games	Striking and Fielding Games	Athletics
Tuesday Year 3	Benchball	SAQ and Dodgeball	Tennis	Cricket	Athletics
Wednesday Year 4	Benchball	SAQ and Dodgeball	Tennis	Cricket	Athletics
Thursday Year 5	Basketbali	SAQ and Dodgeball	Tennis	Cricket	Athletics
Friday Year 6	Basketball	SAQ and Dodgeball	Tennis	Cricket	Athletics

Music

Charanga Music Scheme - https://charanga.com/site/

What I need the children to learn	Possible learning experiences
Unit 3 – Exploring Sounds	
Listening and Appraise Music (Musicianship)	
Listen with concentration and understanding to	
a range of high-quality live and recorded music	
Join in sections of the song eg	
 Talk about feelings created by the 	
music	
Describe dynamics as loud and	
quiet.	
Singing and Voice	
Use their voices expressively and creatively by	
singing songs and speaking chants and rhymes	
Demonstrate good singing posture.	Video with QR <u>https://www.codigos-</u>
Copy back intervals of an octave and fifth	<u>qr.com/en/qr-code-generator/</u>
(high/low)	
•	
Notation	
Experiment with, create, select and combine	
sounds using the inter-related dimensions of	
music.	
Explore ways of representing high and low	
sounds, using symbols and any appropriate	
means of notation.	
Start to use and explore standard notation.	
Playing Instruments	
Play tuned and untuned instruments	
musically	
Rehearse and learn to play a simple	Glockenspiels and bars as a whole class
melodic instrumental part by ear from	
Experiment with create select and combine	
sounds using the inter-related dimensions of	
music.	
Understand the difference between creating	
a rhythm pattern and a pitch pattern.	
Composing	
Experiment with, create, select and combine	
sounds using the inter-related dimensions of	
music.	

•	Explore and create graphic scores. Use music technology, if available, to capture, change and combine sounds. Use simple notation – Create a simple melody using crotchets and minims. F G F G A F A C F G A C D start and end on the same note F.	Use Charanga with pupil logins to experiment with the notation maker.
	Performing	
Pla Us sin	ay tuned and untuned instruments musically e their voices expressively and creatively by ging songs and speaking chants and rhymes	
•	Choose a son/songs to perform to a well-	Performance to parents to celebrate unit.
	known audience.	Videos to send out on Class Dojo.
٠	Play some simple instrumental parts.	
	Vocabulary	
• • • • •	Pulse Rhythm Pitch Improve Compose Melody Groove Audience Imagination Perform	
• • • • • •	Singers Blues Baroque Latin Saxophones Trumpets	

PSHE

What I need the children to learn	Possible learning experiences
Dreams & Goals	Resource links from: Jigsaw
Knowledge	In this Puzzle the class talk about setting
Know how to set simple goals	simple goals, how to achieve them as well
 Know how to achieve a goal 	as overcoming difficulties when they try.
 Know how to work well with a partner 	The children learn to recognise the feelings
 Know that tackling a challenge can stretch 	associated with facing obstacles to
their learning	achieving their goals as well as when they
 Know how to identify obstacles which 	achieve them. They discuss partner working
make	and how to do this well.
achieving their goals difficult and work out	Key vocabulary:
how to overcome them	Proud, Success, Treasure, Coins, Learning,
 Know when a goal has been achieved 	Stepping-stones, Process, Working
	together, Team work, Celebrate, Learning,
Social and Emotional Skills	Stretchy, Challenge, Feelings, Obstacle,
 Recognise things that they do well 	Overcome, Achieve
 Explain how they learn best 	See below for the link
 Celebrate an achievement with a friend 	
 Recognise their own feelings when faced 	
with a challenge	

 Recognise their own feelings when they are faced with an obstacle Recognise how they feel when they overcome an obstacle Can store feelings of success so that they can be used in the future 	
Water Safety Curriculum Can I become familiar with how to stay safe around the water? Power point Spot the danger activity	
Please use the learning objectives from the Jigsaw website which may vary slightly from the above (this ensures that we always have the up to date learning outcomes).	

https://jigsawlivestcmsuk.blob.core.windows.net/umbraco-media/tpklpjuc/02-ages-5-6-jigsawskills-and-knowledge-progression-for-parents.pdf

Religious Education:

For this unit there is 6-8 hours of classroom ideas on RE Today. Please use you log in details to access this. There is planning and Idea on how to make the LC challenges more pupil friendly. Such Can I

What I need the children to learn	Possible learning experiences	
1:7		
1:7 What does it mean to belong to a faith community?For this Half term Class Teacher will be using lessons from Natre.Learning Objectives:	 Talk about stories of people who belong to groups; groups to which children belong, including their families and school, what they enjoy about them and why they are important to them. Find out about some symbols of 	
What does it mean to belong to a Community?	'belonging' used in Christianity and at least one other religion, and what they	
How do Christians and Muslims show that they belong? (over 2 lessons)	mean (Christianity e.g. baptismal candles, christening clothes, crosses as	
What do Worldviews say about how vulnerable people are?	badges, What Would Jesus Do bracelets WWJD); symbols of belonging in	
How do Christians and Muslims welcome a baby?	 children's own lives and experience. Explore the idea that everyone is valuable and how Christians show this 	
How do people show that they belong to eachother?	through infant baptism and dedication, finding out what the actions and symbols mean.	

 Compare this with a welcoming
ceremony from another religion e.g.
Islam: Aqiqah.
 Find out how people can show they
belong with another person, for
example, through the promises made in
a wedding ceremony, through symbols
(e.g. rings, gifts; standing under the
chuppah in Jewish weddings). Listen to
some music used at Christian weddings.
Find out about what the words mean in
promises, hymns and prayers at a
wedding.
Compare the promises made in a
Christian wedding with the Jewish
ketubah (wedding contract).

Cayton Creation

Begin a weather diary to add to throughout the topic.

Cayton Conclusion

Freeze different small world animals and try different ways of melting them i.e. salt, water and vinegar.

English

What I need the children to learn	Possible learning experiences
Can I recognise vowel/consonant digraphs which have been taught and the sounds which they represent?	Daily phonics sessions
Can I recognise words with adjacent consonants?	Daily phonics sessions Phonics tracker games
Can I spell all Y1 common exception words correctly?	Daily phonics sessions Phonics tracker games Weekly spelling test
Can I use the joining word (conjunction) 'and' to link ideas and sentences?	CLPE lessons – Lost and found
Can I accurately read texts that are consistent with my developing phonic knowledge, that do not require me to use other strategies to work out words?	Guided reading CLPE lessons – lost and found
Can I reread texts to build up fluency and confidence in word reading?	Guided reading Individual reading books
Can I understand which letters belong to which handwriting 'families' (i.e. letters that are formed in similar ways) and to practise these?	Handwriting 4x per week- referring to the letter families.

Can I spell days of the week correctly?	Provision task	
	Weekly spelling	
Can I write a simple sentence?	Play the bossy verb game	
	Write instructions for everyday tasks.	
Can I write a speech bubble?	Speech bubbles for the characters in Lost and Found.	

Reading Spine: Lost and Found by Oliver Jeffers

Mathematics

What I need the children to learn	Possible learning experiences	
Count forwards and backwards and write	Provision tasks	
numbers to 20 in numerals and words.	Numicon and matching the words/numbers	
	Sequencing numbers	
Tens and ones	Look at the Deans blocks	
	Use part, part whole to support their	
	learning.	
Comparing groups of objects and numbers	Compare two groups of objects, saying	
Ordering groups of objects	when they have the same number.	
	Use the language of 'more' and 'fewer' to	
	compare two sets of objects.	
	Identify and represent numbers using	
	objects and pictorial representations	
	including the number line, and use the	
	language of: equal to, more than, less than	
	(fewer), most, least.	
Add by counting on	Use a hundred square to show counting on	
	visually.	
Add by making 10	Look at number bonds	
	Numicon	
	Number lines	

Hot and Cold Places K\$1 Knowledge Mat

Despite the low temperatures over 4 million

people live in the polar regions.

niaht.

Subject Specific Vocabulary

North Pole	The North Pole is the northernmost place on Earth. When at the North Pole all directions point south.		
South Pole	The South Pole is the southernmost place on Earth. When at the South Pole all directions point north.	संसामस कमा	
Equator	An imaginary line around the centre of the Earth. It is very hot at the Equator. It divides the Earth into the north and south hemispheres.		
Meerkats	Animals that are often found in dry places like deserts. They belong to the mongoose family.	Sticky Knowledge about Hot and Cold places	
Penguins A large seabird that cannot fly. Found in the South Pole. There are many types with the most famous probably being the Emperor penguin.		Not all deserts are covered by sand. Only 20% of all deserts are covered with sand.	
		During the South Pole winter (mid March to	
Polar Bears A large, white Arctic Bear found in the North Pole. It is one of the most popular animals in the world.		the summer it is light all the time. During the summer it is light all the time.	
		Even though we think they should be, not a deserts are hot. Two of the world's biggest deserts are in the North and South Poles.	
A desert is a very dry place that experiences little rain and therefore plants don't grow there. It is difficult to find water in a desert.			
		Polar bears and penguins are able to kee warm because they have blubber inside their skins.	
hemisphere It is half the Earth divided into north and south by the equator. Britain is in the			
	northern hemisphere.	The largest hot desert in the world is the	
humid When there is a lot of moisture in the air it is said to be humid. Hot countries are often		Sahara and the largest cold desert is Antarctica	
	very numid.	Hot desert are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at	
scorching	To burn slightly or to cause a change in colour because of the heat.		

camouflage

When an animals markings helps it to blend

in with its environment.



Exciting Books



Animals that live in the polar regions

and the second sec		
the summer it is light all the time. During	 penguins 	
Even though we think they should be, not all deserts are hot. Two of the world's biggest deserts are in the North and South Poles.	 polar bears Arctic foxes seal 	
Polar bears and penguins are able to keep warm because they have blubber inside their skins.	reindeerwalrus	
The largest hot desert in the world is the Sahara and the largest cold desert is Antarctica	Animals that live close to the equator	
Hot desert are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at	 meerkats lizards scorpions 	

coyotes

Year 1: Seasonal Change Knowledge Mat

Subject Sp	becific Vocabulary	Interesting Book	Sticky Knowledge
Autumn	The time of year between September and November. Many leaves fall off the trees.	The 🧭	about seasonal change
Spring	The time of year between March and May. There is usually lots of signs of new growth in Spring.	Rabbit Problem	In the UK we have four seasons: spring, summer, autumn and winter. Summer is the bettest
Summer	The hottest season in the UK. It happens between June and August. The longest day is June 21 st .	(and a let of a The The	season and winter the coldest.
Winter	The coldest season in the UK. We can have snow in this season. It occurs between December and February.	The same and	□ Spring starts when the day and night are the same length (usually 21 st March. However, many say that Spring starts on
Fall	The name given to the Autumn season by Americans. It is because so many leaves fall off the trees	C Conton	March 1 ^{st)} .
weather	Weather is what the sky and the air outside are like, such as cold and cloudy.		year is around June 21 st and in winter the shortest day of the year is usually December 21 st .
temperature	It is measurement of hot or cold that can be measured using a thermometer.		When we have our summer it is winter in the southern
thermometer	This is the instrument that measures the temperature.		hemisphere. When we have our winter Australia has its summer.
weather symbol	These are signs used to help us understand more about our daily weather.	1.51.112	In the USA and many other countries the season 'Autumn' is known as the 'Fall'. This is
deciduous	Deciduous trees are trees that shed their leaves once a year, usually during the season of autumn.		because so many leaves fall from the trees in Autumn.
coniferous	Most conifers are evergreens, or trees that keep their leaves year-round.		Seasons change throughout the year because of the way the Earth travels around the Sun.