CAYTON SCHOOL MEDIUM TERM CURRICULUM PLAN
YEAR 5 – SPRING 1



Learn from yesterday, seek today and aimfor tomorrow

GeographyDriver: Rainforests

Key Enquiry: Why should the rainforests be important to all of us?

Geography Driver

What I need the children to learn	Possible learning experiences
Place Knowledge	
understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America	
Know key differences between living in the UK and in a country in South America Can I compare landscapes in two countries identifying human and physical characteristics that have changed over time? Can I locate significant human and physical landmarks of Brazil? Can I study economics, populations and trade of South American countries?	Contrasting landscape (use vocabulary to label animal environments) Rio De Janeiro – Favelas life Schools in Brazil comparison to UK
Human and Physical Geography	
describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle	
 Know what is meant by biomes and what are the features of a specific biome Label layers of a rainforest and know what deforestation is? Can I explore the impact of deforestation on the world and our lives? 	Highlighting major Rainforests of the world – link to major rivers Link Volcanoes/ Earthquakes to fault lines Biomes and animals of the Rainforest – different layers of the Rainforest – why is each layer important? Current issues – deforestation – BBC news

Computing

What I need the children to learn	Possible learning experiences
Using programmes – Handling Data	
National Curriculum Objectives - Pupils should	Please use the learning objectives from the
be taught to:	icompute website which may vary slightly
	from the above (this ensures that we always
Select, use and combine a variety of software	have the up to date learning outcomes).
(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	
<u>iDraw unit – Information Technology</u>	https://www.icompute-uk.com/members-
Lesson 1: iCreate	area/uks2/index.html and select Year 5
 To understand that digital tools can be 	iDraw unit
used to create images	
Lesson 2: iShape	

 To understand that vector images are made up of shapes and lines

Lesson 3: iDetail

To use digital tools to improve detail in images

Lesson 4: iLayer

• To understand that vector images are constructed of layers

Lesson 5: iDesign

- To design vector images
- To create vector images
- To evaluate images and make improvements

Working To	owards	Meeting		Greater Depth	
Declarative Knowledge Pupils understand/know that	Procedural Knowledge Pupils know how to	Declarative Knowledge Pupils understand/know that	Procedural Knowledge Pupils know how to_	Declarative Knowledge Pupils understand/know that	Procedural Knowledge
 my work will have an audience work can be improved you can persuade people in your work multi media is combining images, text, audio and video you can draw lines and shapes using digital tools images can be made up entirely of lines and shapes and this is called vector 3D shapes have three dimension text, video, images and audio can be subject to copyright 	create work for an intended audience look critically at my work create simple vector art using lines and shapes create simple 3D models using a computer	I need to be aware of audience in work importance of editing to enhance work the potential for digital media to inform or persuade multi-media can combined for particular audiences and purposes text, video, images and audio can be subject to copyright objects can be combined and layered to create vector images 3D images have height, width, depth and can be combined to create graphical models	use a keyboard with increasing speed and accuracy plan interactive presentations use hyperlinks in interactive presentations use digital drawing tools to create vector images talk about the shapes and lines that make up vector images use graphical modelling software to create 3D models demonstrate an awareness of audience in work	style is an important factor in conveying information and communicating with an audience digital content needs to be planned to take account of the intended audience, the content and the layout of information	 use a consistent style throughout work (e.g. headings, fonts and colours) use criteria to evaluate the design of a variety of digital resources discuss the rationale behind digital creation including content, media used and layout develop and refine digital content for a specified audience

Music

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

What I need the children to learn	Possible learning experiences
Unit 3 – Make You Feel My Love	<u> </u>
Listening and Appraise Music (Musicianship)	
Appreciate and understand a wide range of	
high-quality live and recorded music drawn	
from different traditions and from great	
composers and musicians	
Develop an understanding of the history of	
music.	
Discuss the structure of the music with reference to	
verse, chorus, bridge, repeat signs, chorus and final chorus, improvisation, call and response, and AB form.	
Explain a bridge passage and its position in a song.	
Recall by ear memorable phrases heard in the music.	
Singing and Voice	
Play and perform in solo and ensemble	
contexts using their voices with increasing	
accuracy, fluency, control and expression	

•	Sing in unison and parts, and as part of a smaller	Video with QR qrcode monkey website
	group.	
•	Sing 'on pitch' and 'in time'.	
•	Notation	
•	Use and understand staff and other musical	
	notations	
•	Understand the differences between 2/4, 3/4 and 4/4	
١.	time signatures. Read and perform pitch notation within an octave (eg	
	C-C'/do-do).	
•	Playing Instruments	
•	Play and perform in solo and ensemble	
	contexts and playing musical instruments	
	with increasing accuracy, fluency, control	
	and expression	
•	Rehearse and learn to play a simple melodic instrumental part by ear or from notation, in C major, F	Glockenspiels and bars as a whole class
	major, G major, Eb major, C minor and D minor. Play	
	melodies on tuned percussion, melodic instruments or	
	keyboards, following staff notation written on one stave and using notes within the middle C–C'/do–do range.	
	This should initially be done as a whole class, with	
	greater independence gained each lesson through smaller group performance.	
	Single Brook Portormands.	
_	luen ver de la c	
•	Improvising	
•	Improvise and compose music for a range of purposes using the inter-related	
	dimensions of music	
	Experiment with using a wider range of dynamics,	
	including very loud (fortissimo), very quiet	
	(pianissimo), moderately loud (mezzo forte) and moderately quiet (mezzo piano).	
	modoratory quiet (mezzo piane).	
•	Composing	
•	Improvise and compose music for a range	
	of purposes using the inter-related	
	dimensions of music	
•	Create a melody using crotchets, quavers and minims, and perhaps semibreves and semiquavers, plus all	Use Charanga with pupil logins to
	equivalent rests. Use a pentatonic and a full scale. Use	experiment with the notation maker.
	major and minor tonality:	
•	G, A G, A, B G, A, B, D G, A, B, D, E Start and end on	
	the note G (Pentatonic on G)	
•	Use simple dynamics.	
•	Use rhythmic variety.	
•	Performing	
List	ten with attention to detail and recall sounds	
wit	h increasing aural memory	
Pla	y and perform in solo and ensemble contexts	
	ng their voices with increasing accuracy,	
	ency, control and expression	
•	Perform a range of repertoire pieces and arrangements	Performance to parents to celebrate unit.
	combining acoustic instruments, to form mixed ensembles, including a school orchestra.	Videos to send out on Class Dojo.
	onsombles, including a school ordinestia.	
		•

•	Perform from memory or with notation, with confidence	
•	renorm from memory or with notation, with confidence	
	and accuracy.	
•	Vocabulary	
	Rock	
•	Bridge	
	Backbeat	
•	Amplifier	
•	Chorus	
•	Bridge	
	Riff	
	Hook	
	Improvise	
	Compose	
	Appraising	
	Bossa Nova	
•	Syncopation	
•	Structure	
	Swing	
	Tune/head	
•	Note values	
•	Note names	
•	Big bands	
•	Pulse	
•	Rhythm	
•	Solo	
•	Ballad	
•	Verse	
•	Interlude	
•	Tag ending	
•	Strings	
•	Piano	
•	Guitar	
•	Bass	
•	Drums	
•	Melody	
•	Cover	
•	Old-school Hip Hop	
•	Rap	
•	Synthesizer	
•	Deck	
•	Backing loops	
•	Funk	
•	Scratching	
•	Unison	
•	Pitch	
•	Tempo	
•	Dynamics	
•	Timbre	
•	Texture	
•	Soul	
•	Groove	
•	Bass line	
•	Brass section	
•		
	Harmony,	

Art

What I need the children to learn	Possible learning experiences
Drawing, painting and sculpture	
improve their mastery of art and design	
techniques, including drawing, painting and	
sculpture with a range of materials [for example,	
pencil, charcoal, paint, clay]	
 begin to include measuring skills to help 	https://innovationkidslab.com/rainforest-
with proportion in their drawings.	digital-collage-art-projects-kids/
 Use shading to create mood and texture. 	
 Use a variety of techniques to add effects 	Create a digital rainforest
eg reflections, shadow & direction of	
sunlight.	Sketch rainforests and show dimension
 Organise line, tone, shape and colour to 	
represent figures and forms in movement.	Create collages using magazine cut outs

•	Use shading to create mood and feeling.	
•	Learn and use technical vocabulary	
•	Evaluate and analyse creative works	
•	enhance digital media by editing, use of animation and installations	
•	use mixed textures to combine visual & tactile qualities in a collage	

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

What I need the children to learn	Possible learning experiences
Athletics	
use running, jumping, throwing and catching in	
isolation and in combination	
 controlled when taking off and landing 	
 throw with increasing accuracy 	
combine running and jumping	
Competitive Games	
play competitive games, modified where	
appropriate [for example, badminton, basketball,	
cricket, football, hockey, netball, rounders and	
tennis], and apply basic principles suitable for	
attacking and defending	
gain possession by working a team and and in different ways.	
pass in different ways	
choose a specific tactic for defending and attacking	
attackinguse a number of techniques to pass, dribble	
and shoot	
Gymnastics	Unit 3 – Cognitive 6 x Gym Lessons
develop flexibility, strength, technique, control	Since Cognitive ox Cym Ecoconic
and balance [for example, through athletics and	
gymnastics]	
make complex extended sequences	
combine action, balance and shape	
 perform consistently to different audiences 	
Dance	
perform dances using a range of movement	
patterns	

compose own dances in a creative way	
perform dance to an accompaniment	
dance shows clarity, fluency, accuracy and	
consistency	
Outdoor and Adventurous Activity	
take part in outdoor and adventurous activity	
challenges both individually and within a team	
follow a map into an unknown location	
use clues and a compass to navigate a	
route	
change route to overcome a problem	
use new information to change route	
Evaluate	
compare their performances with previous ones	
and demonstrate improvement to achieve their	
personal best	
 pick up on something a partner does well 	
and also on something that can be	
improved	
 know why own performance was better or 	
not as good as their last	
Real P.E.	
Unit 3Social	
I can give and receive sensitive feedback to	
improve myself and others. I can negotiate	
and collaborate appropriately.	
Nigel Carson Sessions	

PSHE (1st covered in Year 4 – extend in Year 5)

What I need the children to learn	Possible learning experiences
Dreams & Goals	Resource links from: Jigsaw
 Knowledge Know that they will need money to help them to achieve some of their dreams Know about a range of jobs that are carried out by people I know Know that different jobs pay more money than others Know the types of job they might like to do when they are older Know that young people from different cultures may have different dreams and 	In this Puzzle the class talk about their dreams and goals and how they might need money to help them achieve them. They look at jobs that people they know do, they look at the fact that some jobs pay more money than others and reflect on what types of jobs they might like to do when they are older. The children look as the similarities and differences between themselves (and their dreams and goals) and someone from a different culture.
 Goals Know that communicating with someone from a different culture means that they can learn from them and vice versa Know ways that they can support young people in their own culture and abroad Social and Emotional Skills Verbalise what they would like their life to be like when they are grown up Appreciate the contributions made by people in different jobs 	See the link below. Key vocabulary: Feeling, Money, Grown Up, Adult, Lifestyle, Job, Career, Profession, Money, Salary, Contribution, Society, Determination, Motivation, Culture, Country, Sponsorship, Communication, Support, Rallying, Team Work, Co-operation, Difference

- Appreciate the opportunities learning and education can give them
- Reflect on the differences between their own learning goals and those of someone from a different culture
- Appreciate the differences between themselves and someone from a different culture
- Understand why they are motivated to make a positive contribution to supporting others

Water Safety Curriculum

Can I become familiar with how to stay safe around the water including beaches, canals and rivers?

Two lessons-

1: beach water safety and flags.

2: canals and rivers – activities resource 3see teacher guidance.

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/s1slj10y/06-ages-9-10-jigsaw-skills-and-knowledge-progression-for-parents.pdf

Religious Education:

For this unit there is 9-10 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
U2:4	
If god is everywhere, why go to a place of worship? Emerging: Recall and name some key features of places of worship studied (A1). Find out about what believers say about their places of worship (C2). Expected: Make connections between how believers feel about places of worship in different traditions (A3).	Find out some of the key features of places of worship: e.g. some differences between Anglican and Baptist churches; mandir; differences between an Orthodox and a Reform synagogue. Explore the duty of pilgrimage in Hinduism, which is seen as a wider part of worship. This concerns the need for Hindus to be seen by the deity worshipping at a particular shrine. Does this mean that God is concentrated more intensely in particular places?
 Select and describe the most important functions of a place of worship for the community (B3). Give examples of how places of 	 more intensely in particular places? Can pupils talk about a place where people might say or feel God is somehow more 'present'? What is
Give examples of how places of worship support believers in difficult	special about these places?

- times, explaining why this matters to believers (B2).
- Present ideas about the importance of people in a place of worship, rather than the place itself (C1).

Exceeding:

- Outline how and why places of worship fulfil special functions in the lives of believers (A3).
- Comment thoughtfully on the value and purpose of places of worship in religious communities (B1).
- Consider these definitions: 'synagogue'
 = 'house of assembly' (a place to get
 together), also called 'schul' = school (a
 place to learn). Answer the key
 question in light of these definitions.
- What different ways of worshipping can they find within Christianity? Reflect on why some Christians like to go to church to meet with God, and why some meet in a school or in a home; e.g. community, being part of the 'body of Christ', mutual support through prayer and encouragement, music vs meditation, silence, simplicity, nature; some don't like institutions, hierarchies, crowds! Why do Christians worship in different ways?
- Find out about alternative forms of Christian communities, e.g. www.freshexpressions.org.uk Consider the appeal of these to some Christians.

Foreign Languages

What I need the children to learn Possible learning experiences Listening Language Angels Listen attentively to spoken language and show understanding by joining in and responding Spring 1 - The Weather Explore the patterns and sounds of language Teaching Type: Intermediate through songs and rhymes and link the spelling. Unit Objective: To be able to describe the weather in sound and meaning of words French. By the end of this unit we will be able to: Appreciate stories, songs, poems and rhymes in • Recognise and recall the 9 weather expressions in French the language from memory. Listen more attentively and for longer. Understand • Ask what the weather is today and give a reply in French. more of what we hear even when some of the • Describe the weather in France, in French using a weather language may be unfamiliar by using the decoding map with symbols. skills we have developed. **Speaking** Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help Speak in sentences, using familiar vocabulary, phrases and basic language structures Present ideas and information orally to a range of audiences Describe people, places, things and actions orally and in writing Communicate on a wider range of topics and themes. Remember and recall a range of vocabulary with increased knowledge, confidence and spontaneity. Reading/Writing

Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases

Read carefully and show understanding of words, phrases and simple writing Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary Write phrases from memory, and adapt these to create new sentences, to express ideas clearly Describe people, places, things and actions in writing

- Understand longer passages in French and start to decode meaning of unknown words using cognates and context. Increase our knowledge of phonemes and letter strings using knowledge learnt.
- Write a paragraph using familiar language incorporating connectives/ conjunctions, a negative response and adjectival agreement where required. Learn to manipulate the language and be able to substitute alternatives (My name, my age, where I live, a pet I have, a pet I don't have and my pet's name).

Grammar

Understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs; key features and patterns of the language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.

 Revision of gender and nouns and learn to use and recognise the terminology of articles (define, indefinite and partitive). Understand better the rules of adjectival agreement and possessive adjectives. Start to explore full verb conjunction (I wear/ he/she wears) and also be able to describe clothes in terms of colour (my blue coat)

Cayton Creation

Rainforest in a shoebox

Cayton Conclusion

Artwork - Henri Rousseau inspired.

What I need the children to learn	Possible learning experiences

What I need the children to learn	Possible learning experiences

Rainforest KS2 Knowledge Mat

Subject	Specific Vocabulary		Exciting Books
canopy	The canopy , which may be over 30 m above the ground, is made up of the overlapping branches and leaves of rainforest trees.		the LORAL
emergent layer	The emergent layer is the name given to the tops of trees that poke up above the rainforest canopy.		
understory	The understory layer is a tangle of shrubs, young trees, saplings, palms and vines. It is hot and damp here and the air is very still.		EXPLORER KATHERINE RUNDELL
deforestation	When forests are cut down and the area is permanently cleared for another use.	U-MANUEL TO A STATE OF THE STAT	Forever
endangered	An endangered species is a species which has been categorized as very likely to become extinct.	Sticky Knowledge	Forest
indigenous	Indigenous people or things belong to the country in which they are found	Only around 6% of the Earth's land	
biomes	Biomes are distinct biological communities that have formed in response to a shared physical climate.	surface is rainforest – but about half of all animal and plant species live there.	Where are the famous rainforests?
temperate	Relating to or denoting a region or climate characterized by mild temperatures.	It can take ten minutes for a falling	Amazon, Brazil
extinction	The extinction of a species of animal or plant is the death of all its remaining living members.	raindrop to travel from a rainforest's thick canopy to the floor.	Australia, West Africa
destruction	The act of destroying something.	The Amazon rainforest in South America is so big that if it were a country, it would be the ninth biggest in the world.	A SA
biodiversity	Variety of plant and animal life in a particular habitat, a high level of which is usually considered to be important and desirable.		

South America KS2 Knowledge Mat

Subject Sp	ecific Vocabulary	and in the last of the same of	Exciting Books
street children	Street children are groups of children with no homes or parents who are forced to beg for a living.	The second secon	Trash Dag
pampas	The pampas are fertile South American lowlands that cover more than 750,000 km²-		South America
anaconda snake	Anacondas are semiaquatic snakes found in tropical South America. They are some of the largest snakes in the world.		South American
l am somebody	A poem which was used in a campaign to bring attention to the street children of Brazil.	Sticky Knowledge about South America	There are 12 sovereign states: Brazil Argentina Chile Venezuela Colombia Peru Suriname Bolivia Uruguay Paraguay Guyana Ecuador Plus, a part of France (French Guiana) and a non-sovereign area (the Falkland Islands, a British Overseas Territory though this is disputed by Argentina).
Andes	The Andes are the world's longest continental mountain range. They lie as a continuous chain of highland along the western coast of South America.	☐ There are 12 countries in South America and almost 400 million people live there.	
inhabitant	An inhabitant is a person or animal that is a permanent resident of a particular place or region.	Brazil is the largest country and covers almost half the continent. It is only slightly smaller than the USA.	
sparsely populated	Sparsely populated means that there are few people scattered around the area.	South America's largest river is the Amazon, which is the second longest river in the world. However, the Amazon carries more water than any other river in the world.	
Lake Titicaca	Lake Titicaca straddles the border between Peru and Bolivia in the Andes Mountains and is one of South America's largest lakes.	Sao Paulo is the largest city with more than 20 million people living there.	
Incas	The Incas, an American indigenous people, were originally a small tribe in the southern highlands of Peru.	Spanish is the most popular language in South America even though Brazilians speak Portuguese.	
Atacama Desert	The Atacama Desert is one of the driest places in the world. It has a stony terrain.	The Incas were the largest group of indigenous people in South America when the Europeans arrived.	

North America KS2 Knowledge Mat

Subject S	pecific Vocabulary		Exciting Books
A buck	A nickname for the American dollar.		CADDO AND
Cherokee	A member of an American indigenous people formerly inhabiting much of the southern US.		COMANCHE American Indian Total Lattle House
American state	The U.S. is a country of 50 states covering a vast swathe of North America.		
national park	An area of countryside, or occasionally sea or fresh water, protected by the state for the enjoyment of the general public or the preservation of wildlife.	Sticky Knowledge about North America	
The 'big apple'	This is the nickname associated with New York City (NYC). The nickname became common from the 1920s.	☐ There are 23 countries in North America, with Canada being the biggest.	10 biggest North American countries
coyotes	Coyotes were a purely North American animal that lived in the West. They are small wolf-like creatures.	Mexico City is the largest city with more than 9 million people living there.	 Canada USA Mexico Nicaragua Honduras Cuba Guatemala Panama Costa Rica Dominican Republic
Statue of Liberty	The Statue of Liberty is a colossal neoclassical sculpture on Liberty Island in New York Harbour in New York City.	Before the Europeans arrived, the indigenous and native Americans lived in the continent. Today, only about 2% of US Americans consider themselves as descendants from native Americans.	
Chichén Itzá	Chichén Itzá is a complex of Mayan ruins in Mexico. It is a massive step pyramid.	Greenland is the not only the biggest island in North America but also in the world.	
A cold shoulder	An American metaphor for deliberately ignoring someone.	The Missouri River is the longest in North America and flows through seven US states. Denali is the highest mountain in North America.	
lighten up	To relax and not to take things too seriously.	□ Lake Superior, which borders Canada and the US, is the third largest lake in the world and the largest North American lake.	