

Birchwood Primary School

Medium term plan - Year 4 Cycle A



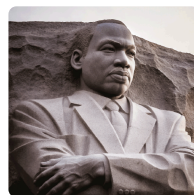
Misty Mountain, Winding River

Geography



Emperors and Empires

History



Heroes and Villains

Music



Traders and Raiders

History



Burps, Bottoms and Bile

Science



Blue Abyss

Science

Planned term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key texts	King of the Cloud Forests – Michael Morpurgo	Roman Tales: The Goose Guards – Terry Deary Roman Soldier handbook - Usborne	The Hundred and One Dalmatians – Dodie Smith (?)	The Saga of Erik the Viking – Terry Jones	Take One Author - The Firework Maker's Daughter (?)	Whale Boy - Nicole Davies
Provocation Starter	River visit. [Vista] - What a view!	Living museum. [Mosaic Masters] - Exploring mosaics	Meet Cruella de Vil	Make sailing boats	Visit a local dentist	Visit an aquarium Blue Planet Movie Morning - https://www.bbc.co.uk/iplayer/episode/b09g5ks6/blue-planet-ii-



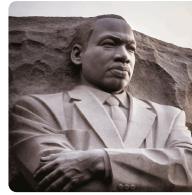
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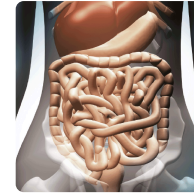
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series-1-4-big-blue

Exciting Outcome

Learn about the Lakes. [Vista] - My landscape

Historical reports. [Mosaic Masters] - Mosaic masters

Rap about heroes and heroines

Trade fair

Make a model of the digestive system

3-D art exhibition

Visits Out

BW - River visit

BW - Wroxeter

BW - Visit local dentist

BW - Birmingham Sea Life Centre

Visitors In

BW -Medical Mavericks

Visit to a place of worship

BW - Synagogue

English (Explicit)

BW - Research information, diary entry, setting description, non-

Biographies; Letters; Myths; Poetry BW - Persuasive speech

Dialogue; Riddles; Fairy tales; Narrative poetry,

Reports; Myths and legends; Character profiles; Poetry

BW - Letters, story writing, poetry, non-chronological report

BW - Quest story, non-chronological report, balanced argument,



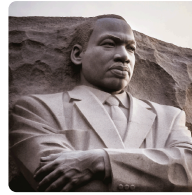
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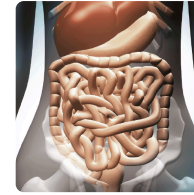
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Science

chronological
report, adventure
story, narrative
poetry

newspaper report

English (Incidental)

Diaries;
Information
leaflets;
Explanations;

Comic strips

Historical
narratives

Fact files;
Explanations using
idioms; Fantasy
narratives;
Slogans;
Persuasive texts

Poetry; Dilemma
stories;
Biographies;
Persuasive letters;
Ballads

Mathematics
(Explicit)

BW -As per
structure of White
Rose: Number:
Place value
Number: Addition
and subtraction

BW - As per
structure of White
Rose:
Measurement:
Length and
perimeter
Number:
multiplication and
division Roman
Numerals

BW - As per
structure of White
Rose: Number:
multiplication and
division
Measurement:
area Number:
fractions

BW - As per
structure of White
Rose: Number:
fractions Number:
decimals

BW - As per
structure of White
Rose: Number:
decimals
Measurement:
money
Measurement:
time

BW -As per
structure of White
Rose: Statistics
Geometry:
properties of
shapes Geometry:
position and
direction



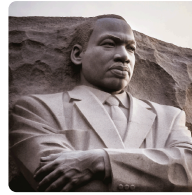
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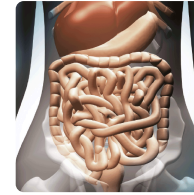
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Blue Abyss

Science

Mathematics
(Incidental)

BW - Find all possibilities for banquet table seating, N:Rich investigations-working systematically

N:Rich- conjecture and generalising (What if...?) Linked to human body

Science

Water cycle; Habitats; Changing environments BW - States of Matter (including the water cycle) -compare and group materials together, according to whether they are solids, liquids or gases -observe that some materials change

BW - Electricity: simple circuits and conductors -identify common appliances that run on electricity -construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers -identify

[Are all mushrooms deadly?] - Working scientifically BW - Sound as vibrations -identify how sounds are made, associating some of them with something vibrating -recognise that vibrations from sounds travel through a medium

[How did Vikings dye their clothes?] - Working scientifically BW - Child led enquiry skills 2, 3, 5

Teeth types; Tooth decay and hygiene; The digestive system; Working scientifically. [How do smells get up your nose?] - Science investigation: States of matter. [What is spit for?] - Science investigation: Animals, including

Living things and their habitats; Animals, including humans; Working scientifically. [Are all sea creatures the same?] - Working scientifically; Living things and their habitats. [How does pollution affect habitats?] - Working



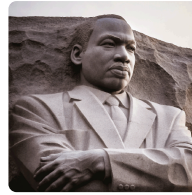
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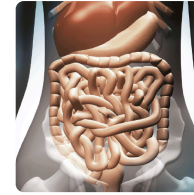
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state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) -identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature Skills: 3, 4

whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery -recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit -recognise some common conductors and insulators, and associate metals with being good conductors. Skills: 1, 5

to the ear -find patterns between the pitch of a sound and features of the object that produced it -find patterns between the volume of a sound and the strength of the vibrations that produced it -recognise that sounds get fainter as the distance from the sound source increases. Skills: 2, 6

humans. [How does toothpaste protect teeth?] - Working scientifically; Animals, including humans BW - Animals including humans - teeth and the digestive system -describe the simple functions of the basic parts of the digestive system in humans -identify the different types of teeth in humans and their simple functions -construct and interpret a variety of food chains,

scientifically; Living things and their habitats BW - Living Things & their habitats - Food Chains & Classification -recognise that living things can be grouped in a variety of ways -explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment -recognise that environments can change and that this can



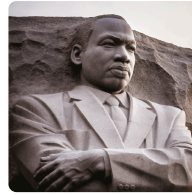
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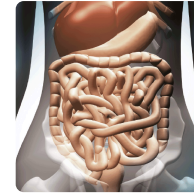
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identifying producers, predators and prey. Skills: 4, 6

sometimes pose dangers to living things. Skills 1, 4

Geography

Rivers; Maps; Grid references; Contour lines; Physical processes – erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK mountains; World mountains; Compass points; Water cycle; Altitudinal zones; Data analysis

Maps

N/A

Using maps; Settlements; Europe

N/A

Seas and oceans of the world; The Great Barrier Reef; Environmental issues



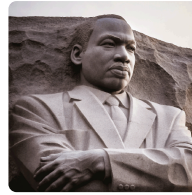
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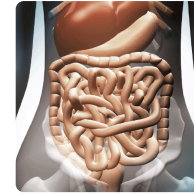
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History

N/A

Chronology;
Everyday life in ancient Rome;
Founding of Rome;
Power and rule;
Roman Empire;
Significant emperors; Social hierarchy; Roman army; Roman invasion of Britain;
Significant people – Boudicca;
Everyday life in Roman Britain;
Romanisation of Britain; Roman withdrawal;
Roman legacy

N/A

Anglo-Saxons and Vikings

N/A

19th century ocean exploration

Art and design

[Vista] - Landscape;
Perspective

[Mosaic Masters] - History of mosaics;

Sculpture;
Illustration

Patterns and print making;
Sketchbooks

Observational drawing; 3-D models; Clay



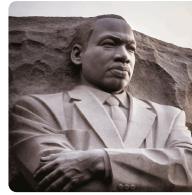
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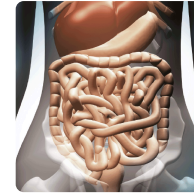
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Science

Sketching; Mosaics

sculpture; Anthony Gormley; Batik; Printing; Seascapes

Design and technology

Mountain climbing equipment

BW - Levers and Linkages

Making puppets; Flip books

Making weapons and jewellery; Models of Anglo-Saxon homes; Clay rune stones BW - Mechanisms

Healthy foods; Textiles; Working models

Designing submarines; Working models

Food Technology

BW - Fruit skewers using fruits from rain forests

BW - Roman food - TBC

?

BW - 'FOCUSONFOOD' 18 Leek and Potato soup

BW - A healthy meal to aid digestion

BW - 'FOCUSONFOOD' 22 Fantastic Fish Pie

Computing

BW - OnliBne Safety Digital Literacy/Creativity - Moldiv to

BW - Digital Literacy/Creativity Computer programming

Web searches

Animation; Images

Images; Algorithms; Video BW - Digital Literacy/Creativity

Programming; Video editing; Multimedia presentations BW



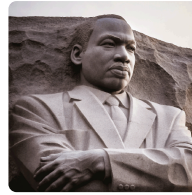
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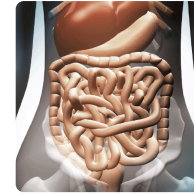
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categorise critters, 'Mountain Gorilla Factfile' (PM) to create postcard Word processing

using: 'Kodable', 'A.L.E.X.', 'Lightbot Jr', Scratch Junior and 2Code (PM)

– 'All About Organs; (PM), 'How the Muscles Work' (PM), use Keynote to create presentation about human body.

- Digital Literacy/ Creativity – 'Adaptations to Oceans (PM), YouNewsEd app to create news report about pollution, 'Skitch' app to show knowledge of water cycle, 'Green Screen' app to create TV programme in Blue Planet style

Now Press Play

Water Cycle

Roman Britain/ Pompei

N/A

Anglo Saxonx/ Vikings

Climate Change/ Recycling

Personal, social and health education

Interruption of resources BW - Relationships and Protective

BW - Protective behaviours Continued

Moral issues and dilemmas; Role models; Good deeds;

BW - Living in the Wider World

Healthy bodies BW - Health and Well being

BW - Health and Wellbeing



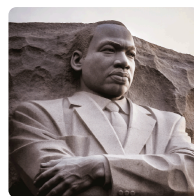
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Behaviours (lesson 1 and 2)

Organisations that help people;
Values and goals
BW - Living in the Wider World

SMSC and British Values

RE

Hinduism
Janmashtami – celebration of the birthday of Lord Krishna

Christianity Holy Week and Easter – the last week of Lent, crucifixion

Buddhism Kathina – ‘Buddhist Lent’ during the rainy season, ceremony

Judaism Shabbat – Jewish day of rest, preparations.

Sikhism Vaisakhi – most important festival day, when the original Sikhs were created

Islam Eid ul-Adha – celebrated at the end of Hajj, prophet Ibrahim

Music

BW - Music Express – See curriculum overview

BW - Music Express – See curriculum overview

Singing and performing;
Comparing music;
Listening and appreciation;
Notation;

Composing lyrics
BW - Music Express – See curriculum overview

Composing lyrics
BW - Music Express – See curriculum overview

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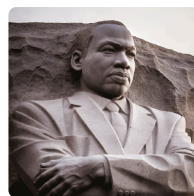
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Blue Abyss

Science

Composing;
Rhythm BW -
Music Express -
See curriculum
overview

MFL

BW - Revisit numbers and colours from stage 3 Stage 4 - Welcome to School - Super Learners (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1456&t=Autumn+1

BW - Revisit days and months from stage 3 Stage 4 - My Local Area, Your Local Area (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1457&t=Autumn+2

BW - Revisit animals from stage 3 Stage 4 - Family Tree and Faces (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1485&t=Spring+1

BW - Revisit playground games from stage 3 Stage 4 - Celebrating Carnival/Body Parts (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1486&t=Spring+2

BW - Revisit breakfast food names and vegetables from stage 3 Stage 4 - Celebrating Carnival/Body Parts (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1487&t=Summer+1

BW - Revisit saying where they live and asking/ answering questions from stage 3 Stage 4 - Summer Time (French Primary language Network) https://pln.myvle.co.uk/files/sc3490/websites/lspace_47/?page=1488&t=Summer+1

Physical education

BW - Outdoor

BW - Team games

BW - Team games

Competitive

BW - Gymnastics

Athletics



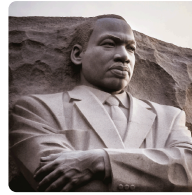
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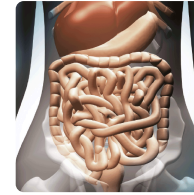
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adventurous
activities
Gymnastics

Dance (Embody)

Dance

games; Attack and
defence games
(team games) BW -
Dance

Athletics

Gymnastics