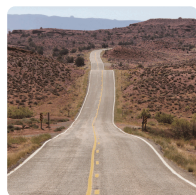


# Birchwood Primary School

## Medium term plan - Year 3 Cycle A



### Road Trip USA!

Geography



### Through the Ages

History



### Mighty Metals

Science



### Gods and Mortals

History



### Rocks, Relics and Rumbles

Geography



### Scrumdiddlyumptious!

Design and technology

Planned term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Texts	Larry Gets Lost books New York San Francisco Texas Snow White in New York	Stone Age Tales -The Great Storm Terry Deary First drawing -Mordicai Gerstein.	The Iron Man – Ted Hughes The Iron Man (picture book to support)	Greek Myths for Young Children – retold by Heather Amery Treasury of Greek Mythology - Donna Jo Napoli	The Firework- Maker's Daughter – Philip Pullman	Charlie and the Chocolate Factory – Roald Dahl Roald Dahl and his Chocolate Factory - Andrew Deakin
Provocation Starter	An invitation from Pete and Larry to join them on a trip to the USA. Plan trip.	Prehistoric visit. Stone Age man visit into school	Parts of old metal found in classroom	Meet Zeus	Let's rock!. [Ammonite] - Exploring ammonites	Invitation to Chocolate factory – visit to chocolate factory
Exciting Outcome	Create own lost dog poster for	Forest Schools Day	A friend for the Iron Man	Pandora's box	Red alert!. [Ammonite] -	Making smoothies for farmers market



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## Scrumdiddlyumptious!

Design and technology

chosen state /  
Awards ceremony  
/ red carpet / food  
tasting

Sculpting  
ammonites

/ writing a letter to  
Willy Wonka

Visits out

Birmingham  
Botanical Gardens  
- Plants (Science)

N/A

Playground visit to  
investigate forces  
(Science)

Lapworth Museum  
of Geology -  
volcanoes  
workshop

Cadbury  
Chocolate Factory

Visitors In

N/A

Stone Age visitor

Water colour artist

Greek visitor -  
Greek day

Willy Wonka

Visit to a place of  
worship

Religious visit (Sikh  
Gurdwara): To  
support the  
understanding of  
religious identity  
and experience  
some simple  
examples in  
practice. To  
continue to



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Design and technology

develop and understanding of the beliefs of others and the importance of tolerance.

English (Explicit)

Information leaflet, biography, character description, modern traditional tale, character description, recount, diary, Haiku

Diary entry, Stone age story, recount, character description, letter, setting description, newspaper report, poetry,

Adventure story, non chronological report, calligram and shape poems, character and setting description, diary writing, tension writing,

Setting and character description Myths and legends, mystery story, diary entry, newspaper report, poetry – performance poetry

Non-chronological report, letter, character description, play script,

Author study Poetry, persuasive adverts, recipes, instructions, setting description, own story, letter, diary entry,

English (Incidental)

Comparing different American landscapes, persuasive advert, postcard, Trip

Information pages and leaflets, persuasive arguments, persuasive advert

Instructions, news reports, letters,

Recipes, information on Mythical Beasts, tourist brochure for Ancient

Firework safety information page

Leaflets, adverts, recipes, comparing foods



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Design and technology

Adviser page, lost dog poster

for round house/hill fort, museum posters (persuasive), instructions, comparing life of children in Stone, Bronze, Iron Ages and today.

Greece,

Mathematics (Explicit)

Number sense and exploring calculation strategies Place Value

Graphs Addition and subtraction Length and perimeter

Multiplication and division Deriving multiplication and division facts

Time Fractions

Angles and shape Measures

Securing multiplication and division Exploring calculation strategies and place value

Mathematics (Incidental)

Work fit for a detective – using place value and addition to find different combinations

Carrying a heavy load - comparing weight of rocks, which rocks would be best to make a house with/

Finding angles on the Iron Man – finding right angles, obtuse and acute angles

Finding out people's favourite smoothies from around the school – presenting this in a tally chart and



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## Scrumdiddlyumptious!

Design and technology

carry...?

bar chart; letting Willy Wonka know which flavour to sell

Science

Plants – Do plants have legs? Why are trees tall? What are flowers for? Skills: 3, 5

Animals including Humans – What are our joints for? What do owls eat? Skills: 1, 6

Metals, forces and magnets Why do magnets attract and repel? Can you block magnetism? How mighty are metals? What does friction do? Skills 2, 4

Why did Icarus fall from the sky? Light – Why do shadows change? What are sunglasses for? Skills: 2, 3

Rocks – What is Sand? What is Soil? How are rocks used? Fossils? Soil testing Skills 1, 6

Food glorious food! Nonsense foods and silly sweets Using our senses Is it safe to eat? Which is the juiciest fruit? Skills: 4, 5

Geography

Using world and US maps; Human and physical geography

Using aerial maps of Skara Brae, human and physical features of settlements.

N/A

Ancient and modern day Greece; Geographical features; Using maps

Layers of the Earth; Rocks; Plate tectonics; Ring of Fire; Features of volcanoes; Lines of latitude and longitude; Volcanic eruptions;

Food miles and fair trade Climates of where food originates and food mapping



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## Scrumdiddlyumptious!

Design and technology

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Earthquakes and tsunamis;  
Compass points;  
Maps

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History

Native Americans

Changes to Britain from Stone Age to Iron Age  
Historical vocabulary;  
Prehistory; Stone Age; Bronze Age; Iron Age;  
Chronology and timelines;  
Everyday life;  
Tools and weapons;  
Settlements;  
Stonework and metalwork;  
Religion and beliefs; Wealth and power;  
Invention and

Timelines – history of robotics

Ancient Greece

Significant people – Mary Anning; Pompeii

Compare diets – past and present

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Design and technology

ingenuity;  
Evidence and enquiry -Locate a historical location on a map.  
-Examine misconceptions about the past and compare them to historical evidence. -Infer and discuss what life may have been like within a historical community

Art and design

Abstract Art - New York Skyline in the style of Romare Bearden

Cave Painting  
Cave drawings re - the First drawing book Mordicai Gerstein.

Sketching of the Iron Man

3-D sculpture;  
Greek art and design Water colour landscape

[Ammonite] - Sculpture

Robert Delaunay orphism – fruit / resident artist (Darrell Wakeman)

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Design and technology

Design and technology

Designing totem pole

Making stone age tools

N/A

Mechanisms –  
Pneumatics -  
Design and  
Technology  
Association  
Project on a Page  
(A moving  
Mythical Monster  
Toy for a Child)

N/A

Structures - Shell  
structures using  
computer-aided  
design (CAD)  
(Packaging for  
Willy Wonka's  
newest box of  
chocolates)

Food Technology

'FOCUSONFOOD'  
23 Brilliant  
American Burgers  
- shaping and  
forming - bridge  
and claw knife  
techniques -  
arranging  
ingredients -  
garnishing

Stewed Stone age  
fruit

'FOCUSONFOOD'  
24 Chocolate  
Courgette Cake -  
using scales -  
grating - creaming  
fat and sugar -  
cracking an egg -  
folding flour into a  
creamed mixture -  
scraping out a  
bowl with a  
spatula - dividing  
mixture into tins

Fruit smoothies





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Design and technology

### Computing

On line safety / core skills - word processing, internet searching, social media updates

Digital Literacy – Morfo booth, comic life 3, green screen, skitch, moldiv, simple circuits

Computer Science – Creating algorithm Kodeable, A.L.E.X

Digital literacy – green screen, comic life 3, chronological report, graphs – line graph for temperature, skitch, moldiv, ambient mixer, algorithms

Digital literacy – make a non fiction book using book creator, green screen, news booth, tag cloud, google earth, shadow puppet edu

Digital literacy – colour splash, typorama app, google earth, moldiv, book creator, news booth

### Now Press Play

### Maths New York

### Stone Age

### Forces

### Ancient Greece

### Rocks/Natural disasters

### KS1 Healthy living

Personal, social and health education

Health and well being - keeping safe Protective behaviours lessons 1 and 2

Relationships - Friendships Protective behaviours lessons 3 and 4

Living in the wider world - communities

Relationships - managing bullying

Living in the wider world - economic well being

Health and Well being - healthy lifestyle

SMSC and British Values

Go Givers 'Inspirational people' - To

Go Givers ' Water – Our most precious resource'

Go Givers 'Ins TOLERANCE



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## Scrumdiddlyumptious!

Design and technology

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recognise their worth as individuals by identifying positive things about themselves and their achievements, seeing their mistakes, making amends and setting personal goals  
Go Givers  
'Our rules' - To agree and follow rules for their group and classroom, and understand how rules help them  
'Go Givers  
'Democracy – Part 1'

INDIVIDUAL  
LIBERTY

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Design and technology

RE

Hinduism Ganesh Chaturthi. Celebration of the birthday of Lord Ganesha.

Christianity Lent. Christian fasting, giving up luxuries, thinking about God.

Buddhism Vesak. Celebrates the birth and enlightenment of Prince Siddhartha.

Judaism Shavuot. Festival celebrated 50 days after Passover.

Sikhism Guru Nanak Gurburab. Anniversaries of the gurus, Guru Nanak, founder of Sikhism.

Islam The Hajj. Pilgrimage that Muslims make to Mecca.

Music

Traditional and cultural music  
Music Unique suggestions-Born in the USA – Bruce Springsteen  
Improvise descriptive music (Music Express – Unit 4 - Poetry)

Music Unique suggestions – Two Tribes – Frankie Goes to Hollywood  
Improvise an ostinato accompaniment (Music Express – Unit 6 - Time)

Music Unique – Gold – Spandau Ballet Create music in the style of Stomp' using recycled materials. Identifying the musical families of the orchestra, and from music listened to begin to identify instruments heard. (Music Express-Unit 3- Sounds)

Graphic scores

Playing instruments; Performing Pure Imagination from Charlie and the Chocolate Sing in two part harmony (Music Express – Unit 1 - Environment)



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Design and technology

MFL

Getting to know you - Autumn Term 1a - Primary Languages Network Numbers - Autumn Term 1b - Primary Languages Network Colours Autumn Term 1c - Primary Languages Network

Bonfire Night/ Autumn Colours - Autumn Term 2a - Primary Languages Network Calendar Time - Autumn Term 2b - Primary Languages Network

Animals around us - Spring Term 1b - Primary Languages Network

Carnival and playground games - Spring Term 2a - Primary Languages Network Easter Celebrations - Spring Term 2b - Primary Languages Network

The Hungry Giant - Summer Term 1a - Primary Languages Network

Map Explorers - Summer Term 2a - Primary Languages Network Going on a picnic - Summer Term 2b - Primary Languages Network

Physical education

Dance - Road Trip USA Swimming (Oak 3) / Outdoor adventurous activities (Maple 3)

Games - Team games (inventing own games - ball skills) Swimming (Oak 3) / Gymnastics (Maple 3)

Games - Team games (Inventing own games - striking and hitting a ball) Swimming (Maple 3) / Outdoor adventurous activities (Oak 3)

Dance - Embodiment dance - Gods and Mortals Swimming (Maple 3) / Gymnastics (Oak 3)

Athletics Swimming(Non swimmers) / Gymnastics

Team Games - Inventing own games - invasion games Swimming (Non swimmers) / Athletics / Games