

Humberston Cloverfields Academy

Medium term plan - YAT Cycle B



A Child's War

History



Can you send a coded message?

Science



Scream Machine

Science



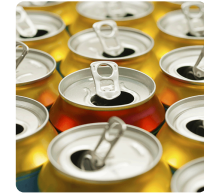
Why are zip-wires so fast?

Science



What do pulleys do?

Science



How do levers help us?

Science

Suggested text

Goodnight Mister Tom – Michelle Magorian; The Silver Sword – Ian Serraillier

The Boy Who Swam with Piranhas – David Almond

Memorable experience

Evacuees

Visit a fairground, theme or adventure park

Innovate challenge

Street party

Design a drop ride

Communication and language development



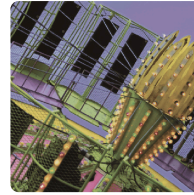
A Child's War

History



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How do levers help us?

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English

Letters; Diaries;
Persuasive posters;
Narrative dialogue;
Speeches

Poetry; Short narratives with dialogue;
Signage and emails;
Adverts; Non-fiction texts

Physical development

Geography

Human geography;
Cities of the UK

Theme parks

Computing

Search technologies;
Presentations

Photography;
Creating digital maps;
Research;
Logical reasoning and algorithms;
E-safety;
Online discussion;
Posters



A Child's War

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How do levers help us?

Science

Personal, social and emotional development

Art and design

Photography and image editing

Design and technology

Recipes; Structures

Designing rides; Programming models; Mechanical systems; Evaluation; Food

History

Second World War

Mathematics

Music

Listening, performing and



A Child's War

History



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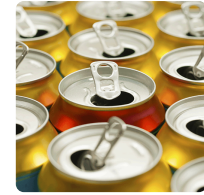
Why are zip-wires so fast?

Science



What do pulleys do?

Science



How do levers help us?

Science

composing

Understanding the world

Personal, social and health education

Empathising with people in different times

Discussion and debate

Expressive arts and design

Science

Working scientifically; Electricity

Forces; Properties of everyday materials; Mechanisms; Working scientifically

Working scientifically; Forces

Working scientifically; Forces

Working scientifically; Forces

Physical education

Competitive



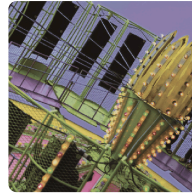
A Child's War

History



Can you send a coded message?

Science



Scream Machine

Science



Why are zip-wires so fast?

Science



What do pulleys do?

Science



How do levers help us?

Science

games; Dance

Linked investigations (LTI)

How can you send a coded message?

How do levers help us? Why are zip-wires so fast? What do pulleys do?



Revolution

History



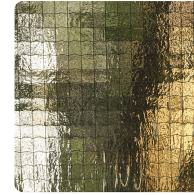
What colour is a shadow?

Science



Can fruit light a bulb?

Science



Can you see through it?

Science



Can you turn a light down?

Science



How does light travel?

Science

Suggested text

Black Beauty – Anna Sewell; A Christmas Carol – Charles Dickens; The Wolves of Willoughby Chase – Joan Aiken

Memorable experience

Visit a Victorian classroom

Innovate challenge

Queen Victoria's end-of-exhibition dinner

Communication and language development

English

Non-chronological reports; Historical fiction;



Revolution

History



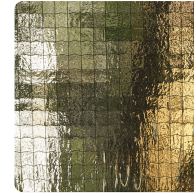
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How does light travel?

Science

Biographies;
Limericks; Diary
writing and
journals

Physical
development

Geography

Cities and
transport in
Victorian times;
Maps

Computing

Photography

Personal, social
and emotional
development

Art and design

Artists of the
Victorian period;
Printing



Revolution

History



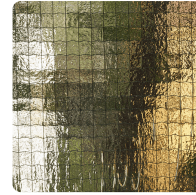
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How does light travel?

Science

Design and technology

Victorian homecraft;
Structures

History

Victorians

Mathematics

Music

Victorian parlour songs

Understanding the world

Personal, social and health education

Reflecting on achievements

Expressive arts and design



Revolution

History



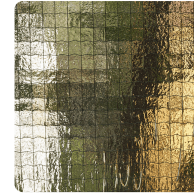
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How does light travel?

Science

Science

Electricity

Working scientifically; Light

Working scientifically; Electricity

Working scientifically; Light

Working scientifically; Electricity

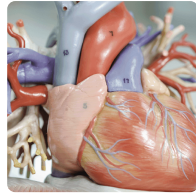
Working scientifically; Light

Physical education

Exercise

Linked investigations (LTI)

Can fruit light a bulb?



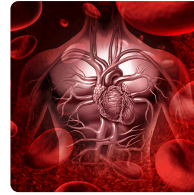
Blood Heart

Science



What can your heart rate tell you?

Science



How does blood flow?

Science



What's in blood?

Science



Sow, Grow and Farm

Geography



Eat the Seasons

Design and technology

Suggested text

Pig Heart Boy - Malorie Blackman

The Secret Garden - Frances Hodgson Burnett

Memorable experience

Sheep's heart dissection

Allotment visit

Seasonality

Innovate challenge

Heart charity fundraiser

Market gardeners

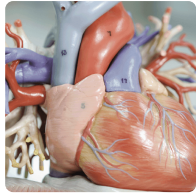
Seasonal soups

Communication and language development

English

Non-chronological reports; Shape poetry; Slogans and adverts; Biographies; Narratives using personification

Non-chronological reports; Diaries; Leaflets; Balanced arguments



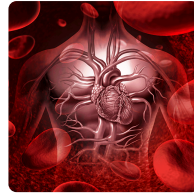
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Eat the Seasons

Design and technology

Physical development

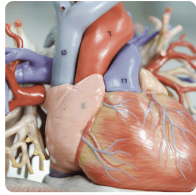
Geography

Land use in the UK; Allotments; Farming in the UK; Maps; Grid references; Climate zones; Physical features of North and South America; Farming in North and South America; Food transportation

Computing

Websites; Flow diagrams

Personal, social



Blood Heart

Science



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Science



Sow, Grow and Farm

Geography



Eat the Seasons

Design and technology

and emotional development

Art and design

Modelling and sculpture; Abstract art

Still life

Design and technology

Tools and equipment; Recipes; Packaging; Working models

Seasonality

Cooking; Nutrition

History

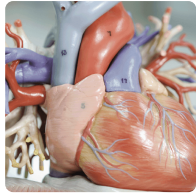
Dig for Victory

Mathematics

Music

Pulse; Raps

Understanding the



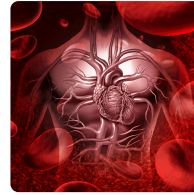
Blood Heart

Science



What can your heart rate tell you?

Science



How does blood flow?

Science



What's in blood?

Science



Sow, Grow and Farm

Geography



Eat the Seasons

Design and technology

world

Personal, social and health education

Harmful substances; Caring about others

Debating topical issues

Expressive arts and design

Science

Circulatory system; Measuring heart rate; Lifestyle effects; Working scientifically

Working scientifically; Animals, including humans

Working scientifically; Animals, including humans

Working scientifically; Animals, including humans

Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming

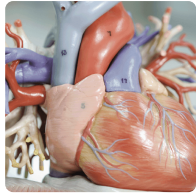
Physical education

Cardiovascular exercise

Linked

How does blood

Why do birds lay



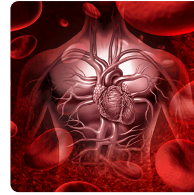
Blood Heart

Science



What can your heart rate tell you?

Science



How does blood flow?

Science



What's in blood?

Science



Sow, Grow and Farm

Geography



Eat the Seasons

Design and technology

investigations (LT1)

flow? What's in blood? What can your heart rate tell you?

eggs? How do worms reproduce? How many potatoes can you grow? Do dock leaves cure a sting?



How many potatoes can you grow?

Science



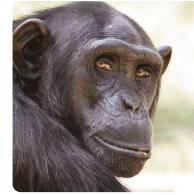
How many worms are underground?

Science



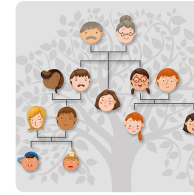
Where do wild plants grow?

Science



Darwin's Delights

Science



How does inheritance work?

Science



ID

Science

Suggested text

Sky Hawk – Gill Lewis

Bill's New Frock – Anne Fine

Memorable experience

Animal specimen observation

Meet John Doe

Innovate challenge

Morphing animation

Forensic crime scene

Communication and language development

English

Labelling and journals; Diaries; Letters; Explanations; Newspaper reports

Descriptions and narratives; Non-chronological reports; Adverts; Facts, opinions and tributes; Calligrams



How many potatoes can you grow?

Science



How many worms are underground?

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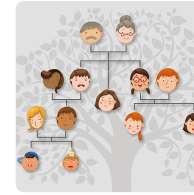
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Darwin's Delights

Science



How does inheritance work?

Science



ID

Science

Physical development

Geography

Maps; Geographical similarities and differences; Islands of the world

Community

Computing

Online research; Morphing animations; Computer networks

Software; Photo stories; E-safety

Personal, social and emotional development

Art and design

Creating sketchbooks;

Portraiture and figurines



How many potatoes can you grow?

Science



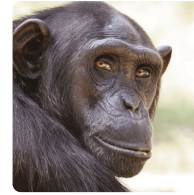
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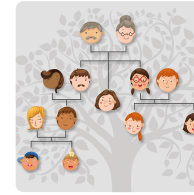
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Darwin's Delights

Science



How does inheritance work?

Science



ID

Science

Observational drawing

Design and technology

Tools and equipment;
Design; Fashion and clothing

History

Significant individuals –
Charles Darwin,
Mary Anning

Social reformers

Mathematics

Music

Appraising;
Listening to voices

Understanding the world



How many potatoes can you grow?

Science



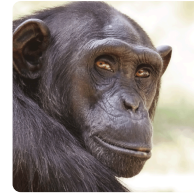
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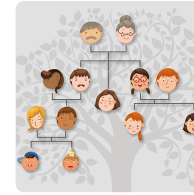
Where do wild plants grow?

Science



Darwin's Delights

Science



How does inheritance work?

Science



ID

Science

Personal, social and health education

Taking responsibility

Identity, personal views and opinions; My place; Recognising strengths

Expressive arts and design

Science

Working scientifically; Living things and their habitats

Working scientifically; Living things and their habitats

Working scientifically; Living things and their habitats; Evolution and inheritance

Evolution and inheritance; Living things and their habitats; Working scientifically

Working scientifically; Evolution and inheritance

Classification; Families and inheritance; Working scientifically

Physical education

Physical challenges

Linked investigations (LTI)

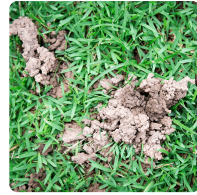
How have eyes evolved? How many worms are

How does inheritance work? Why are things



How many potatoes can you grow?

Science



How many worms are underground?

Science



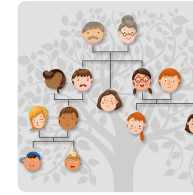
Where do wild plants grow?

Science



Darwin's Delights

Science



How does inheritance work?

Science

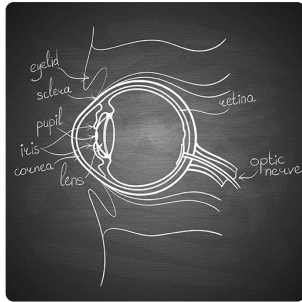


ID

Science

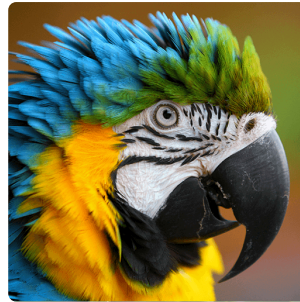
underground?
Where do wild plants grow best?
Why do birds have different beaks?
Why is holly prickly?

classified?



How have eyes evolved?

Science



Why do birds have different beaks?

Science



Why are things classified?

Science



Why is holly prickly?

Science

Suggested text

Memorable experience

Innovate challenge

Communication and language development

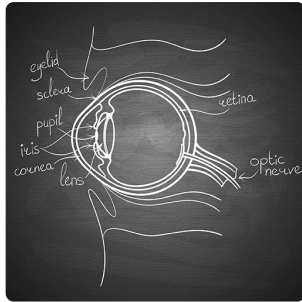
English

Physical development

Geography

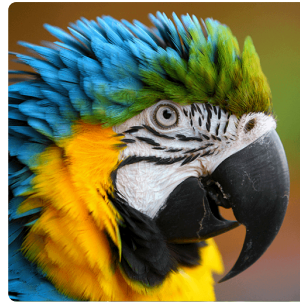
Computing

Personal, social and



How have eyes evolved?

Science



Why do birds have different beaks?

Science



Why are things classified?

Science



Why is holly prickly?

Science

emotional development

Art and design

Design and technology

History

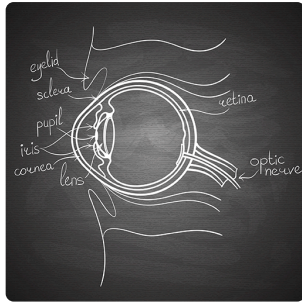
Mathematics

Music

Understanding the world

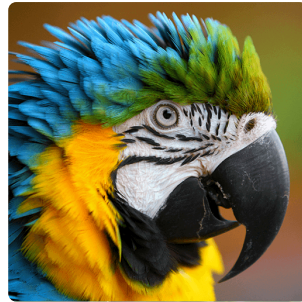
Personal, social and health education

Expressive arts and design



How have eyes evolved?

Science



Why do birds have different beaks?

Science



Why are things classified?

Science



Why is holly prickly?

Science

Science

Working scientifically;
Evolution and inheritance/
Light

Working scientifically;
Evolution and inheritance

Working scientifically;
Living things and their
habitats

Working scientifically;
Evolution and inheritance

Physical education

Linked investigations (LTI)