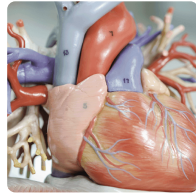


# Barnet Hill Academy

## Year 6 2019-2020



### Blood Heart

Science



### Tomorrow's World

Computing



### Frozen Kingdom

Geography



### A Child's War

History



### Hola Mexico!

Music



### Revolution

History

Suggested text

Pig Heart Boy –  
Malorie Blackman

Stormbreaker –  
Anthony Horowitz

Shackleton's  
Journey

Rose Blanche Now  
or Never

Journey to the  
River Sea

Journey to the  
River Sea

Memorable  
experience

Sheep's heart  
dissection

Trip to the Apple  
Store (coding  
workshop using  
spheros and ipads)

Trip to the  
National Maritime  
Museum to visit  
the Polar Explorers  
exhibition

Trip to the RAF  
Museum (Wartime  
Classroom  
workshop)  
Evacuees

The class will be  
creating their own  
Mexican food

Visit a Victorian  
classroom (The  
Ragged Museum)

Innovate challenge

Heart charity  
fundraiser

Spy school  
website

Polar rescue  
mission

Street party

Festival procession

Queen Victoria's  
end-of-exhibition  
dinner

English

Non-chronological  
reports; Shape  
poetry; Slogans  
and adverts;  
Biographies;

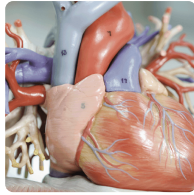
Email and blogs;  
Newspaper  
reports; Websites;  
Thriller narratives;  
Podcasts

Chronological  
reports; Short  
narratives; Diaries;  
Haiku poetry;  
Letters

Letters; Diaries;  
Persuasive  
posters; Narrative  
dialogue;  
Speeches

Invitations;  
Postcards;  
Instructions;  
Myths and  
legends; Poetry

Non-chronological  
reports; Historical  
fiction;  
Biographies;  
Limericks; Diary



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Narratives using personification

writing and journals

### Mathematics

Pupils are refining their knowledge of place value, working with numbers between 1 000 000 and 10 000 000. They begin the chapter reading and writing numbers to 10 000 000 using number discs, numerals and words. The unit ends with pupils rounding numbers to various values and determining when it is appropriate to round numbers.

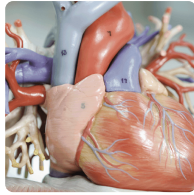
Pupils will be creating and solving expressions involving brackets, exponents, multiplication, division, addition and subtraction. Pupils are then multiplying 3- and 4-digit numbers by 2-digit numbers using number bonds and column multiplication as the key methods. Pupils are dividing 3- and 4-digit numbers by 2-digit numbers using a variety of

Pupils will be dividing and multiplying decimals by 1-digit numbers. Pupils will then be asked to write fractions as decimals and then move on to multiplying and dividing decimals by 2-digit numbers. Pupils will be converting units of measurement using fractions and decimals. Pupils begin by converting units of length and distance followed

Pupils will be focusing on percentages, ratio, algebra, area, perimeter, volume, geometry, position and movement, graphs, averages and negative numbers. Practise in SATs style questions.

Pupils will be focusing on multi-step problem solving in preparation for year 7.

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methods, including number bonds and long division. Pupils are then challenged by finding common multiples, common factors and prime numbers.

by exploring units of mass, volume and time. Pupils move on to solve complex word problems using the four operations and bar model diagrams. Practise in SATs style questions.

Science

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

Light and shadows

Living things and their habitats

Living things and their habitats

Electricity

Electricity

Linked investigations (LTI)

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

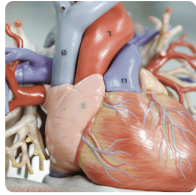
How does light travel? What is a reflection? Can you see through it? Can you turn a light down?

How do animals stay warm? Can we slow cooling down?

How can you send a coded message?

How can we make red? What colour is a shadow?

Can fruit light a bulb?



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Geography

Maps and statistics (countries with high rates of heart disease)

Focusing on different individuals who have contributed to the world of technology.

Features of the polar regions

Human geography; Cities of the UK

Maps; Human and physical geography of Mexico

Cities and transport in Victorian times; Maps

Computing

Online research (use of Microsoft Word, Powerpoint and Publisher) Purple Mash

Online research; Computer networks; Algorithms; Lo

Collecting, evaluating and presenting data; Using LOGO

Search technologies; Presentations

Online research; Presentations

Photography

Art and design

Sketching the human heart and blood cells  
Abstract art

Design and make a spy gadget

Painting;

Design a poster

Maya art; Carving

Artists of the Victorian period; Printing

Design and technology

Tools and equipment; Recipes; Packaging; Working models

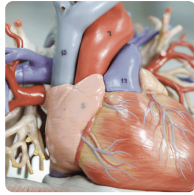
Significant individuals; Assistive technologies; Programming, monitoring and

Structures (making an igloo)

Making WWII propaganda posters; Studying WWII aircrafts; Make an Anderson shelter

Food of Mexico;

Victorian homecraft; Structures



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History

controlling  
products; Website  
design

History

History of the first  
heart transplant

History of  
computing

Emigration and  
exploration in the  
early 1900s

Second World War

Ancient Maya  
civilisation

Victorians

Music

Listening to the  
sound of the  
human heart  
beating. Nasheed:  
Our Guide is the  
Qur'an

Nasheed: A is for  
Allah

Soundscapes  
Composing and  
Performing poems.  
Nasheed: Allah  
made everything.

Listening,  
performing and  
composing poems.  
Nasheed: Your  
Mother

Mexican musical  
sounds Nasheed:  
Eid Un Saeed.

Victorian parlour  
songs Nasheed:  
Give Thanks to  
Allah.

Personal, social  
and health  
education

Harmful  
substances; Caring  
about others; The  
importance of  
friendships; Self-  
respect; Respectful  
relationships;  
Being safe

Healthy  
relationships; The  
different types of  
bullying;

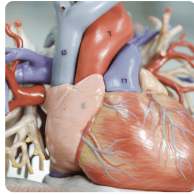
Care of the  
environment;  
Confidentiality and  
when to break a  
confidence;  
managing dares;  
Different types of  
relationships;  
Physical

Empathising with  
people in different  
times; Listening to  
others; What  
makes people the  
same and  
different;  
Challenging  
stereotypes;

Health and  
wellbeing issues;  
Human rights of  
children; British  
Law and cultural  
practices; Being  
part of a  
community; Being  
critical of the

Reflecting on  
achievements;  
Enterprise and  
setting one up





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boundaries and  
the right to privacy

Discrimination

media

Physical education

Football  
Cardiovascular  
exercise

Basketball  
Cardiovascular  
exercise

Gymnastics  
Cardiovascular  
exercise

Hockey  
Cardiovascular  
exercise

Rounders  
Cardiovascular  
exercise

Exercise

Islamic Studies

Akhlaaq •  
Oppression and  
bullying • Envy •  
Ghibah • Pride •  
Following the  
Sunnah

Adaab •  
Moderation in  
Islam • Importance  
of a woman in  
society • Kindness  
to Animals

Aqaaid • Beliefs in  
regard to  
prophethood •  
Sahabah and their  
rankings • Four  
Khulafa • Asharah  
mubasharah • The  
Awliya • Mujizat &  
Karamaat • Isra  
and Mi'raaj

Seerah • Shamaa'il  
• The mothers of  
the believers •  
Character of the  
Prophet (saw

Tareekh • Dawud  
(a.s) • Sulayman  
(a.s) • Yunus (a.s) •  
Ali Ibn Abi Talib  
(r.a)

Fiqh • Impurities  
and cleaning  
methods •  
Maturity in boys  
and girls • Haidh/  
Nifas (girls) •  
Personal hygiene •  
Jana'iz: Method of  
Ghusl for  
deceased •  
Shrouding • Burial  
• Jumuah Salah •  
Adhaan and  
Iqamah • Practical  
Salah

Surahs & Duas

Revision of all

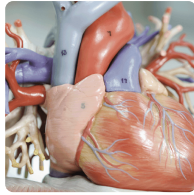
Revision of all

Revision of all

An Nazi'aat Duas:

An Naba' Duas:

Revision of Juz



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previous Surahs  
(with meanings)  
Duas: Revision of  
Reception, Year  
one & Year two  
Duas

previous Surahs  
(with meanings)  
Duas: Revision of  
Year three, four &  
five Duas.

previous Surahs  
(with meanings)  
Duas: Seeing the  
new moon Time of  
strong winds  
Morning &  
Evening After Fajr  
& Maghrib

Talbiyyah After  
seeing a nightmare  
Forgiveness of sins

Istikhaarah Salat-  
ul-Hajah  
Comprehensive  
Dua

Amma Revision of  
all Duas