



Great Barr Academy

Year 7 Subject Topics

***Revision List
2018/19***



English

Autumn Term: Imagined Worlds

- **Analysing Fiction:**

As we analyse fiction texts, pupils will explore different extracts by analysing the writers' linguistic and structural choices. We will look at a range of texts, for example: *Harry Potter*, *Dracula*, *Frankenstein*, *The Hobbit*, Greek mythology etc.

- **Narrative Writing:**

As we expose pupils to a range of fictional extracts, they will then use the extracts to create their own pieces of narrative writing. They will focus on how to structure their own stories, using inspiration from famous writers throughout time.

Spring Term: Heroes and Villains

- **Shakespeare:**

Pupils will read a selected play and explore Shakespeare's use of language, dramatic techniques and characterisation. Pupils will either read *Macbeth* or *Richard III*.

- **Non-Fiction Writing:**

Pupils will use the base text by Shakespeare to create their own pieces of non-fiction writing. Students will study the conventions of a range of different forms and apply this knowledge to produce texts of their own. Examples include: newspaper articles, reports, letters etc.

Summer Term: Conflict

- **Poetry:**

Pupils will read a range of poetry related to the theme of conflict, analysing the effect of language, structure and form.

- **Descriptive Writing:**

Using the poems and related stimuli (e.g. images, songs, key vocabulary) as inspiration, pupils will then create a range of descriptive pieces, applying their knowledge of linguistic and structural devices to create deliberate effects.

Sources of additional information to support your learning:

- BBC Bitesize – KS3 – English - <https://www.bbc.com/bitesize/subjects/z3kw2hv>
- Using school library facilities to read a range of fiction texts.
- Use fiction texts you enjoy as inspiration when creating your own short stories.
- Children Newspaper First News - <https://www.firstnews.co.uk/>
- Poetry website to read a range of different poems and practise annotating poetry at home - <https://www.poetryfoundation.org/>
- British library - <https://www.bl.uk/>
- Shakespeare translations in to modern day English - <https://www.sparknotes.com/shakespeare/>

Mathematics

Foundation

Autumn Term:

- Averages and Range
- Charts
- Using the four operations
- Negative numbers
- Multiplying and Dividing by 10, 100 and 1000
- Simplify expressions
- Substitute into simple formulae
- Real life graphs
- Coordinates

Spring Term:

- Factors, multiples and primes
- Using the four operations with decimals
- Angles

Summer Term:

- Area, perimeter and symmetry
- Fractions, decimals and percentages
- Transformations

Intermediate

Autumn Term:

- Four Operations
- Order of Operations
- Factors, Multiples and Primes
- Simplifying and Writing Expressions
- Substitution into Formulae
- Decimals and Rounding
- Area and Perimeter
- Comparing measurements
- Charts and averages

Spring Term:

- Fractions, Decimals and Percentages
- Probability
- Ratio and Proportion

Summer Term:

- Lines and Angles
- Sequences
- graphs
- Transformations

Higher

Autumn Term:

- Graphs, Charts and Tables
- Averages and range
- Factors, multiples, primes, roots
- Directed number operations
- Simplifying Expressions
- Derive and substitute into formulae
- Brackets and Powers
- Factorise Expressions
- Operations with fractions

Spring Term:

- Angles and Parallel lines
- Interior and Exterior angles
- Operations and ordering with decimals
- Equations

Summer Term:

- Ratio and Proportion
- Perimeter, area and volume
- Graphs
- Sequences

Sources of additional information to support your learning:

Vle.mathswatch.co.uk

Maths Club – Mondays and Thursdays

8:45 am – 9:15 am

3:15 pm – 4:00 pm

Science

Autumn Term:

- Working Scientifically (Introduction, Key Skills and safety)
- Cells

- Light and Space
- Particles and their behaviour
- Structure and function of body systems

Spring Term:

- Forces
- Elements, atoms and compounds
- Reproduction
- Acids and Alkalis

Summer Term:

- Revision

Sources of additional information to support your learning:

<https://www.bbc.com/bitesize/subjects/zng4d2p>

www.kerboodle.com

https://www.cgpbbooks.co.uk/interactive_ks3_science

Computer Science

Autumn Term:

- Networks and Communication 1
 - Communication Online
 - Health and Safety in a CS Classroom
 - Virus
 - Worms
 - Trojans
 - Malware
 - Online Netiquette
 - The Internet – Tim Berners Lee

Spring Term:

- Algorithm and Programming
 - Sequencing Instructions
 - Noughts and Crosses
 - Flow Charts

Summer Term:

- Hardware and Processing
 - Introduction to Computers
 - Hardware - Input and Output Devices
 - Application Software

- Operating Systems
- Networks
- My Digital World
 - What to Trust Online
 - How to Search Smart
 - Copyright Law
 - Staying Safe Online
 - Evidencing Cyber-Abuse

Sources of additional information to support your learning:

<https://www.bbc.com/bitesize/subjects/zvc9q6f>

<https://www.bbc.com/bitesize/subjects/z8mtsbk>

<http://teach-ict.com/index.html>

History

Autumn Term:

- The Norman Conquest – including
 - Claimants to the throne in 1066
 - The Battle of Hastings
 - How William I controlled England – Feudal System, Domesday Book, Rebellions, Motte and Bailey Castles

Spring Term:

- Medieval Life - including
 - Life in a medieval village
 - The Peasants Revolt
 - The Black Death
 - The Crusades
 - The murder of Thomas Becket

Summer Term:

- The Tudors – including
 - The Protestant Reformation
 - The establishment of the Church of England
 - Treatment of heretics
 - Elizabeth I's religious settlement
 - The Spanish Armada

Sources of additional information to support your learning:

www.bbc.com/bitesize/subjects/zk26n39 - covers all topics

www.historynet.com – covers all topics

<http://spartacus-educational.com/> - good for all topics

Geography

Autumn Term:

- Europe- Where is Europe? Migration in Europe; who are the EU? What happens after Brexit?
- UK and Birmingham: Where is Birmingham? How has Birmingham Changed? What are the conflicts of Interest?

Spring Term:

- Biomes- what and where are biomes? What is a rainforest ecosystem? Forests under threat.
- Sustainable Cities-

Summer Term:

- Globalisation- what is Globalisation? How does globalisation help and hinder the development of countries?
- School Environmental project

Sources of additional information to support your learning:

Map skills for Europe and UK and Birmingham Topics-

<https://www.ordnancesurvey.co.uk/mapzone/games/puzzle-adventure>

Biomes- <https://kidsgeo.com/geography-for-kids/biomes/>

<https://online.kidsdiscover.com/unit/biomes?ReturnUrl=/unit/biomes>

Globalisation- <https://www.bbc.com/bitesize/guides/zxpn2p3/revision/1>

Religious Studies

Autumn Term:

- Who am I? (personal and religious values)
- The life of Moses

Spring Term:

- Five Pillars of Islam
- Creation

Summer Term:

- Buddhism
- Islam

Sources of additional information to support your learning:

BBC Bitesize KS3 Religious Studies

<http://www.reonline.org.uk/knowing/what-re/>

German

Autumn Term:

- Greetings and introducing yourself
- Numbers and your age
- Personality and favourite things
- Alphabet and phonics
- Pets
- Family members
- Months and birthdays

Spring Term:

- Sports
- Leisure activities
- How often you do things
- Mobiles and computers

Summer Term:

- School subjects
- Timetable and opinions
- Describing teachers
- School facilities and rules

Sources of additional information to support your learning:

www.linguascope.com

www.pearsonactivelearn.com

www.gcsepod.com

www.languagesonline.org.uk

<http://languagesresources.co.uk/home/german/>

<https://language-gym.com/#!/game-room>

Resistant Materials

Autumn Term:

Timber

- Categories of timber and what makes them different (Hardwood, Softwood, Manufactured boards)
- Different types of timber, their properties and common uses
- The environmental impact of using timber in production
- Woodworking skills – Health and safety and equipment (names and how to use)

Spring Term:

- As above (rotation)

Summer Term:

- As above (rotation)

Food

Autumn Term: (Rotation 1)

- Health and safety
- Fruit salad
- Looking at the creaming method (small cakes)
- Theory and function of ingredients
- Evaluating my making.
- Rubbing in method for fruit crumble
- Looking at the Eatwell Guide
- The theory of bread
- Making and baking bread
- Pizza whirl practical (vegetables and preparation skills).
- Pizza research (analysis, product range and practical planning)
- Making pizza
- Analysing my pizza making
- Christmas biscuit making

Spring Term: (Rotation 2)

- Health and safety
- Fruit salad
- Looking at the creaming method (small cakes)
- Theory and function of ingredients
- Evaluating my making.
- Rubbing in method for fruit crumble
- Looking at the Eatwell Guide
- The theory of bread
- Making and baking bread
- Pizza whirl practical (vegetables and preparation skills).
- Pizza research (analysis, product range and practical planning)
- Making pizza
- Analysing my pizza making
- Pasta theory (additional lessons)
- Pasta making (additional lessons)

Summer Term: (Rotation 3)

- Health and safety
- Fruit salad
- Looking at the creaming method (small cakes)
- Theory and function of ingredients
- Evaluating my making.
- Rubbing in method for fruit crumble
- Looking at the Eatwell Guide
- The theory of bread
- Making and baking bread
- Pizza whirl practical (vegetables and preparation skills).
- Pizza research (analysis, product range and practical planning)
- Making pizza
- Analysing my pizza making
- Pasta theory (additional lessons)
- Pasta making (additional lessons)

Sources of additional information to support your learning:

Looking at maths in food (H-M Band)

Food nutrition (H-M Band)

Physical Education

Autumn Term:

- Learn the 6 muscle stretches (Bicep, Triceps, Hamstring, Quadriceps, Deltoid, Groin, Gastrocnemius)

Spring Term:

- Learn the rules for Netball
- Learn the rules for Football
- Learn the rules for Rugby

Summer Term:

- Learnt the rules for Athletics events
- Learn the rules for Rounders
- Learn the rules for Cricket

Sources of additional information to support your learning:

www.sportengland.org

www.englandnetball.co.uk

www.thefa.com

www.britishathletics.org.uk

www.ecb.co.uk
www.roundersengland.co.uk
www.englandrugby.com

Performing Arts

Autumn Term:

- Dance – Cartoon Capers... Action Content/Dynamic Contrast/Motif Development
- Drama – Myths and Legends, Theatre History/Styles and Genres
- Music – Keyboard skills, African drumming and Ukulele

Spring Term:

- Dance – Mission Impossible... Formations/Pathways and Direction/ Choreographic Devices
- Drama – Pantomime (clowning and Miming skills), Exploring Shakespeare's Macbeth
- Music – Keyboard skills, African drumming and Ukulele, Vocal skills, Theme and Variations

Summer Term:

- Dance – Mission Impossible... Formations/Pathways and Direction/ Choreographic Devices
- Drama – Understanding bullying and cross-curricular (Links to History) Evacuee's.
- Music – Vocal skills, Theme and Variations

Sources of additional information to support your learning:

Dance:

<https://www.onedanceuk.org/resource/motif-and-development/>
<https://zoonation.co.uk/>
<http://boyblueent.com/>

Drama:

https://en.wikipedia.org/wiki/Konstantin_Stanislavski
https://en.wikipedia.org/wiki/Bertolt_Brecht
https://en.wikipedia.org/wiki/Augusto_Boal
<https://www.childline.org.uk/>
<https://www.rsc.org.uk/>

Music:

http://www.african-drumming.com/african_drums.htm
<http://www.piano-keyboard-guide.com/piano-keyboard-diagram.html>
<https://ukuguides.com/beginner/basic-ukulele-chords-for-beginning-players/>
https://en.wikipedia.org/wiki/Living_Room_Music
[https://en.wikipedia.org/wiki/Variation_\(music\)](https://en.wikipedia.org/wiki/Variation_(music))

Art

Autumn Term: Visual Elements

Practise observational drawing techniques, draw from real life and focus on tone/ form.

Spring Term: Still Life/ Figures

Set up observational drawing scenes, draw bowls of fruit, plants and other collections of items.

Summer Term: City Life/ Portraits

Draw people and places from around your city. Practise drawing people at home.