



**Whitmore
High School**

Summer Reading

Year 7

WHITMORE HIGH SCHOOL ART DEPT SCHEMES OF WORK

	Autumn	Spring	Summer
Year 7	Pop Art inspired 2D/3D cakes, lollies & doughnuts.	Observational drawings, sgraffito and prints of fruit.	Aboriginal Artefacts including Drawings and Paintings.

Design Technology Summer Work Year 7

Term	Project	Topics
Autumn	Mechanical Grab	Workshop skills development 3D CAD Modelling Sketching skills development
Spring	Desktop Lighting	Workshop skills development Basic electronics CAD/CAM Laser cutting/engraving
Summer	Skills Development	TBC

Useful Websites

BBC bite size www.bbc.com/education/subjects/zfr9wmn

BBC Click www.bbc.co.uk/programmes/b006m9ry

Technology Student www.technologystudent.com/

You Tube www.youtube.com/user/TheDrawingToolCo

Focus eLearning

Login by visiting: www.focuselearning.co.uk

Username: student@barrycomprehensive236

Password: thc6zxms4

Whitmore

Year 7 Drama at Whitmore High School

Skills Taught:

Teamwork, Problem Solving, Independent learning, Communication, Confidence, Compromise, Constructive analysis, Verbal and non-verbal skills

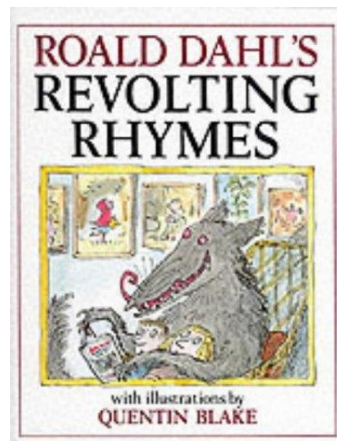
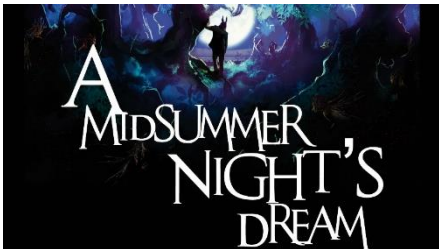
And **IMAGINATION** and **CREATIVITY**

What will I be doing?

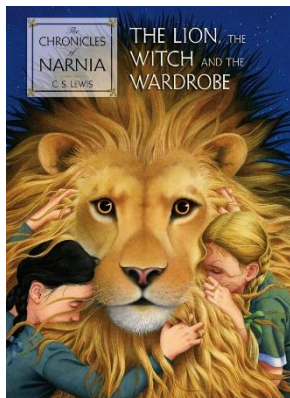
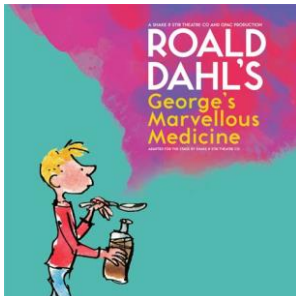
You will be learning in a variety of ways this year; practical, written, discussion and performance. We understand that everyone learns differently and therefore there will be a range of tasks and activities that will allow you to achieve YOUR very best.

What can I do to prepare?

Here is a selection of the plays that we will be looking at this year. If you want to read them before you can BUT do not worry if you can't. We will be exploring all of these in lessons.



**These plays/units may change depending on the needs of the class.*



UNIT OF WORK	BRIEF DESCRIPTION
1: COMMUNICATION	Development of basic BUT essential performance and analytical skills. Learners experiment with a variety of performance techniques through improvisation.
2: IMPROVISATION	Learners work as part of a group to explore the story and characters in an existing play.
3: EXPLORING A SCRIPT	Learners explore, analyse and rehearse extracts from a play in preparation for a showcase performance.
4: DEVISING DRAMA FROM A STIMULUS	Learners develop an original piece of drama based upon a set stimuli.
5: THEATRE REFLECTION	Learners watch a LIVE piece of theatre and take on the role of a reviewer as they critically examine key elements that make up a play.

Mr Ian Piekieniak (Leader of Learning of Drama)

Our Vision for English

At Whitmore High School, we believe that English is one of the most important subjects you can study, not just because you will achieve necessary qualifications for future education and career pathways but also because developing excellent communication skills is an essential part of your academic, social and personal development. Throughout your time with us, we will help you to develop to become:

- critical, insightful and analytical readers of literature as well as non-literary texts;
- accomplished, accurate writers across a wide range of genres and for a range of audiences and purposes;
- confident, fluent speakers - both as individuals and in group discussions - and perceptive, thoughtful listeners.



English at Whitmore High School - Year 7

What Will I Be Studying?

Autumn Term:

You can expect to begin by studying either *Boy: Tales of Childhood* by Roald Dahl or *Holes* by Louis Sachar as part of our 'Childhood' themed unit. Assessment will include two STAR tests and formal reading, writing and oracy tasks. Homework will include 20 minutes of reading per day and writing tasks linked to skills and topics studied in class.

Spring Term:

You will develop your reading, writing and oracy skills through our thematic units of work: 'Zombies', 'Adventure' and 'Animals'. Assessment will include two STAR tests and formal reading, writing and oracy tasks. Homework will include 20 minutes of reading per day and writing tasks linked to skills and topics studied in class.

Summer Term:

Your teacher will prepare you for the National Reading Test and you will complete an Assessment Project which will enable you to show how much progress you have made during the year. Assessment will include a final STAR test and formal reading, writing and oracy tasks. Homework will include 20 minutes of reading per day and writing tasks linked to skills and topics studied in class.

Summer Challenge: Get Ready for September!

Maintain your progress over the holidays by completing the following challenges:

1. Read as many books as you can over the holidays. Take a photo of yourself next to your pile of books and bring it to your English teacher in September for the chance to win a prize!
2. Visit [www.theday.co.uk](http://theday.co.uk) to become an expert in children's literature. Use the link below to read an article about the Harry Potter. When you have finished reading, follow the links to become an expert and then complete the writing activities and bring your work to school in September.
<http://theday.co.uk/arts/new-harry-potter-play-to-hit-the-west-end>



Whitmore High School KS3 Geography – Year 7 2018 – 2019



Unit	Topics	Assessments
1 – What is Geography?	<ul style="list-style-type: none">• Types of Geography• World Geography• Main geographical skills	1 - Baseline assessment describing environments
2 – Weather and Climate	<ul style="list-style-type: none">• Measuring the weather• Why does weather vary (microclimates)?• Weather systems and forecasting• Weather hazards	2 - Microclimate field investigation
		3 - Weather case study timeline
3 – Tourism	<ul style="list-style-type: none">• Factors affecting types of tourism• Tourism around the world• Sustainable tourism• National parks• Space tourism	4 - Annotated sketch map assessment
		5 - Sustainable tourism in Snowdonia
4 – A place to live	<ul style="list-style-type: none">• How do settlements grow?• Your local area• Migration• Global cities (Mumbai vs Cardiff)	6 - Cardiff Bay redevelopment evaluation
5 – Landscape processes	<ul style="list-style-type: none">• The rock cycle• River processes and landforms• Coastal processes and landforms	7 – River/Coastal project

Whitmore High School
Year 7 History Units 2018 – 2019



Term	Unit	Topics	Skills Assessed
Autumn (Sep – Dec)	What is History?	Evidence; timelines; dates & centuries; Roman numerals; periods of history.	Historical Enquiry
	1066 & the Battle of Hastings	Contenders to the throne; Battle of Stamford Bridge; Harold & William's armies; Battle of Hastings.	Interpretations
Spring (Jan – Easter)	William & control	Feudal system; Domesday book; castles; Medieval weapons.	Chronology
	The Middle Ages	Medieval villages; leisure time; mob football; knights; food; Black Death.	Knowledge & Understanding
Summer (Easter – July)	The Aztecs	Aztec cities; superstitions & religious beliefs; everyday life; Spanish conquest.	Organisation & Communication
	History Mysteries	Princes in the tower.	-

Useful websites

www.bbc.com/education/subjects/zk26n39

www.bbc.co.uk/history/forkids/

www.historyforkids.net



Year 7 Knowledge Bank

Computing/ICT www.bbc.com/education/subjects

www.codecademy.com

www.code.org



You will use the Microsoft Office suite to complete a range of tasks with a focus on developing an appropriate sense of audience.

Communication



Your safety is our concern. Understand the hidden dangers of the internet and what you can do to stay safe online.

Cybersecurity



Use Microsoft Access to organise, sort, search and present information.

Databases



Use Adobe Fireworks to create animations and interactive bitmap projects.

Adobe Fireworks



Understand how your PC at home is built by learning about each component and it's function.

Computer Hardware



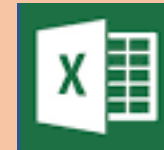
Design and manipulate images using professional bitmap editing software.

Photoshop



Learn a new language... Develop an understanding of the fundamental principles of computer coding.

Programming



Introduction to data modelling by using Microsoft Excel to carry out formatting and basic formula.

Spreadsheets

Mathematics Years 6 into 7

To help prepare for an excellent year in mathematics, you should consider completing the following activities over the summer:

- Visiting Khan academy and watching tutorials to improve your understanding of fractions, decimals and percentages and the key number topics outlined below. A good understanding of these key number topics is crucial to achieving your full potential in mathematics. Khan academy is free to join.
- Downloading national numeracy tests from <https://pentrehafod.school/ks3-y7-y8-y9-national-reading-and-numeracy-tests/> and practising them.
- Practising mental arithmetic by playing games with your parents or playing games online at <https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths>

Year 7

Key number topics that will be introduced and recapped in Y7 are:

- Understand and use place value for decimals, measures and integers of any size
- Order positive and negative integers, decimals and fractions;
- use the number line as a model for ordering of the real numbers;
- use the symbols =, \neq , $<$, $>$, \geq , \leq
- Use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor (HCF), lowest common multiple(LCM), prime factorisation, including using product notation and the unique factorisation property
- Use the four operations, including formal written methods, applied to integers, decimals, proper and improper fractions, and mixed numbers, all both positive and negative
- Use conventional notation for the priority of operations, including brackets, powers, roots and reciprocals
- Recognise and use relationships between operations including inverse operations
- Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations
- Interpret and compare numbers in standard form $A \times 10^n$ $1 \leq A < 10$, where n is a positive or negative integer or zero
- Work interchangeably with terminating decimals and their corresponding fractions (such as 3.5 and $7/2$ or 0.375 and $3/8$)
- Define percentage as 'number of parts per hundred', interpret percentages and percentage changes as a fraction or a decimal, interpret these multiplicatively, express one quantity as a percentage of another, compare two quantities using percentages, and work with percentages greater than 100%
- Interpret fractions and percentages as operators
- Use standard units of mass, length, time, money and other measures, including with decimal quantities
- Round numbers and measures to an appropriate degree of accuracy [for example, to a number of decimal places or significant figures]
- Use approximation through rounding to estimate answers and calculate possible resulting errors expressed using inequality notation $a < x \leq b$
- Use a calculator and other technologies to calculate results accurately and then interpret them appropriately
- appreciate the infinite nature of the sets of integers, real and rational numbers

Whitmore High School French and Spanish Summer Work Year 7



In **year 7** you will focus on the *Bienvenue* and *Bienvenidos* themes.

Theme	Topics	Grammar
Bienvenue Bienvendios	Classroom instructions Number 1-100 Greetings Free time Giving opinions	Masculine and feminine words Adjectival agreements Word order – Noun +Adjective 1 st person present tense
Me Presento Tu es Comment?	Describing yourself and others physically. Animals Brothers and Sisters Time Colours	Revision masculine and feminine. Introducing plural agreements A las Son las Present tense

Useful websites:

<http://www.wordreference.com> Online dictionary
for looking up vocabulary.

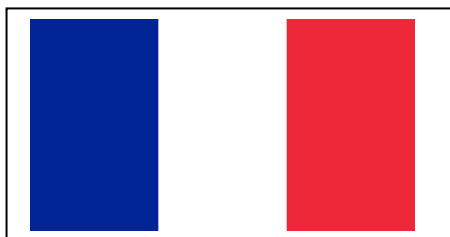
<http://www.languagesonline.org.uk> French
grammar, topics and vocabulary practice.

<http://www.francefootball.fr/> Website for all
things football.

<http://www.languagesonline.org.uk> Spanish
grammar, topics and vocabulary practice.

www.memorizenow.com Websites where you
can type in the text they want to

www.voki.com A free website using customisable
speaking avatars. There is also an app you can use.
Very handy to practise for Speaking










Music Summer Work

Year 6 going into 7

Throughout Year 7 you will be studying music from many different backgrounds, looking at cultural, historical and musical elements.

Topics for this forthcoming year will include:

						
Building Bricks + Rhythm & Pulse	Singing in preparation for year 7 concert	Instruments of the orchestra & Introduction to Ukulele	Form & Structure	Descriptive Music – <i>Music & Space</i>	What is a Suite? The music of Harry Potter	Chinese Music

Through these Schemes of learning you will focus on developing skills in performing, composing & appraising. You will study and develop your understanding of the elements of music and how you can use them in ALL your Music work in school.

We will also focus on improving your individual work, pair work, group work and leadership skills throughout the year.

To prepare yourself for the year ahead you should consider trying to do some of the following over the Summer Holidays:

Listen to some of the following - Musical Repertoire

Music from the Western Classical Tradition

"Four Sea Interludes" from 'Peter Grimes' - *Benjamin Britten*

"Eine Kleine Nachtmusik" - *Mozart*

World Music

"The High Moon", "The Flowing Streams", "The Races", "Night" - *Traditional Chinese Music*

Film & Descriptive Music

"The music from Harry Potter" – *John Williams*

"Fanfare for the Common Man" – *Emerson, Lake & Palmer*

Building Bricks - Music Theory

Learn the Musical Elements – Tempo, Texture, Timbre, Dynamics, Duration, Pitch, Structure, Silence

Have a look and study the BBC Music Education Website:

<https://www.bbc.com/education/subjects/zmsvr82>

*All units of work are open to change depending on students' engagement and musical development.



Year 7 Religious Studies

Term	Unit	Content
Autumn 1	Identity and Belonging	<ul style="list-style-type: none">• Worship and rituals in different religions• Is religion like a sport?• Does prayer matter more than work?• Does God exist?• Religion in a secular society
Autumn 2	Identity and Belonging	<ul style="list-style-type: none">• Should religious symbols be banned?• What is the difference between going on a journey as a tourist and as a pilgrim?• Do you believe in miracles?• Why do we celebrate festivals? (Festivals of light in Christianity, Judaism and Hinduism.)
Spring 1 and 2	Wicked	<ul style="list-style-type: none">• What is good and evil?• Do you believe in karma?• Do animals have rights?• Are the teachings of the Buddha relevant today?• Hindu, Buddhist and Christian responses to evil and suffering
Summer 1 and 2	Sacred Writings	<ul style="list-style-type: none">• How does scripture guide and inspire? (Qur'an, Torah, Guru Granth Sahib and Bible.)• What is the 'Big Story' found in the Bible?• Is the Bible relevant in the 21st century?

Whitmore High School Year 7 Key Stage 3 Science Units 2018 – 2019



Year 7

Term	Unit	Investigation title & <i>Skills assessed</i>	Topics
Autumn (Sep – Dec)	Skills	“Which Bunsen burner flame is hottest?”	Rules & Hazards
			Equipment and variables
		<i>Writing methods</i> <i>Success criteria</i>	Lighting Bunsen burners
			Bunsen flame investigation
Spring (Jan – Easter)	Lost in Space	“Powering the space ship. How does voltage affect current?”	Exploring the solar system (including seasons and organism adaptations)
			Chemical reactions (including acids & alkalis)
		<i>Displaying results</i> <i>Selecting variables</i>	Mass & weight
			Circuits; investigation into current and voltage
Summer (Easter – July)	Survival	“Which food has the most energy for an expedition?”	Magnets
			Separating mixtures (filters, evaporation & distillation)
		<i>Writing predictions</i> <i>Concluding (describing)</i>	Forces; parachutes & speed = d/t
			Investigation; burning food

Whitmore High School Key Stage 3 Welsh Topics 2018 – 2019



Year 7

Unit	Language	Assessments
Croeso i Ysgol Uwchradd Whitmore / Welcome to Whitmore High School	Revision of key vocabulary learned at KS2.	Writing: Writing an email to a friend.
		Speaking: Presentation about yourself.
	Talking about yourselves.	Reading: Read about famous Welsh people and filling in a profile.
Teulu/Family	Key vocabulary about the family	Writing: Write a portrait about a member of your family.
		Speaking: Conversation with a partner about your families.
	Understanding and using language to talk about the family	Reading: 'Fy Nheulu' – A poem about a family
Ysgol/School	Key vocabulary about school	Writing: Write an article about your school.
		Speaking: Role play – a discussion about school with a friend.
	Using opinions to discuss school life	Reading: 'Bwyta'n lach' – A poem about healthy eating

Useful websites:

BBC Bitesize - <https://www.bbc.com/education/subjects/z8qmhyc>

Quizlet – www.quizlet.com

www.cymraegailiaith.com