



The Wallace High School Key Stage 3 Curriculum

Updated September 2018

Year 8

Art & Design	Biology
<p>Textiles Observations, researching the work of textile artists, developing design ideas, textile practical techniques.</p> <p>3D construction Observations, researching the work of sculptors, developing design ideas, 3D construction techniques.</p>	<ol style="list-style-type: none"> 1. Cells 2. Animal Reproduction 3. Coordination and the Senses 4. Plant Reproduction
Chemistry	Computing
<p>Getting Started Chemical changes Acids and Alkalis Solutions and Separations Atomic structure and Periodic Table</p>	<p>Keeping Safe on the Internet. Programming with BBC MicroBits Programming using Scratch. Using Lightbot App. Creating Web Pages using html.</p>
Drama	English
<ul style="list-style-type: none"> •What is Drama? •Roles and Responsibilities •Staging •History of Theatre •Theatres around us •Improvisation •Silent Movies •Gestures •Scriptwriting •Characterization •Musical Theatre •Review Writing •PR 	<ul style="list-style-type: none"> •School and Special Times •Developing Comprehension skills •The Sea •Novels •Introduction to poetry •SPG •Personal, creative and descriptive writing •Creating multi modal texts •Introduction to Shakespeare
French	Geography
<p>Meeting, Greeting and Getting to know you In the classroom Where people live The Family School Environment Daily Routine Sports and Hobbies Pets Physical attributes and personality descriptions</p>	<p>Geography Passports & What is Geography? A Sense of Place (UK & NI) Settlement OS Map Skills Careers - Famous Geographers Weather and Climate Ecosystems and People Economic Activity - Farming</p>

History	Home Economics
<p>What is History? Why study History? Historical Skills The History of WHS Who were the Normans? The events of 1066 Contenders for the Throne Williams Problems The Normans in Ireland Optional topic post May examinations</p>	<p>Let's Get Started - an introduction to Home Economics What's on Your Plate? The Eatwell Guide Family matters Throughout the year pupils make a range of dishes to demonstrate their ability to prepare food in a safe, hygienic and creative way. Pupils are given opportunities to develop a wide range of transferrable skills e.g. independent learning, working with others, ICT.</p> <p>Four core assessment tasks are completed and contribute to formal examinations i.e. end of unit test and practical exam (Winter Session); coursework and practical exam (Summer Session).</p>
<p>Learning for Life and Work</p>	
<p>Employability In Year 8 students begin the process of career planning and the factors that can affect them including the global market. In particular:</p> <ul style="list-style-type: none"> • The skills and qualities that employers are looking for, their past, present and future career ideas • Setting personal goals, beginning to plan for their future to include careers research • The type of jobs in both the local and global Economy • What is Enterprise and how enterprising are they? <p>Citizenship In Year 8 students study the topics of identity and diversity including:</p> <ul style="list-style-type: none"> • Factors that influence identity • The ways in which identity can be expressed • How and why conflict may arise in the community • How conflict may be managed and positive community relations promoted <p>Pupils conclude Year 8 by beginning to examine human rights instruments before studying the topics of equality and social justice in Year 9.</p> <p>Personal Development Year 8 students begin to explore:</p> <ul style="list-style-type: none"> • Health as the development of a whole person • Influences on physical and emotional /mental personal health • Strategies to manage, the effects of change on body, mind and behaviour • Preventative strategies in relation to accidents in the home, school and on the road • The qualities of relationships including friendship & the qualities of a loving respectful relationship • Sense of self • Influences on a young person • Personal morals, values and beliefs • Strategies to improve own learning 	

Mathematics	Music
<p>In Year 8 pupils will study the following components of Mathematics:</p> <ul style="list-style-type: none"> • Number including; Use of 4 main operations with whole numbers, fractions (only + & -) and decimals, simple percentages, directed number, binary form and numerical patterns • Algebra including; Equations up to unknowns on both sides and use of formulae. • Shape, space and measure including; angles in shapes and around parallel lines, triangle and quadrilateral properties, area and volume of common shapes, coordinates and metric and imperial units. • Handling Data including; Collecting, displaying and grouping data and mean, median and mode from a list. 	<p>Putting on a concert Students prepare a concert for all parents and friends in which some from each class perform solos, and the whole set performs a 4 chord song on Guitars, electric guitars, Bases, Double basses, Drums, keyboards, piano, and others.</p> <p>Study of the Four Chord Song.</p> <p>What makes a good song?</p> <p>Elements of Music and Active Listening</p> <p>Polyrhythms and Minimalism</p>
Physics	Physical Education
<p>What is Science Forces Energy Space</p>	<p>Movement Skills Gymnastics Basketball Athletics Softball</p>
Religious Studies	Technology & Design
<p>Module on Thinking skills, alongside Christian and opposing opinions:</p> <ol style="list-style-type: none"> 1. Listening and analysis skills 2. Jesus in the Gospels and other writings 3. Miracles, particular focus on Jesus' supernatural birth 4. Sermon on the mount 5. Jesus' death and resurrection 	<ol style="list-style-type: none"> 1. Communication Task - Health and Safety modelling in groups. 2. Graphics - Basic drawing techniques. (Simple shapes, rendering, isometric) 3. Design - Design of Bug Project 4. Manufacture - workshop skills and safety to produce (a) picture frame (b) soldered circuit and vacuum formed housing for bug project. 5. Theory Health and Safety, Materials and Electronics. 6. ICT - Keynote presentation/log of design and manufacture activities.

Year 9

<p>Art & Design</p> <p>Colour Theory Introduction to colour theory.</p> <p>Book Illustration Manipulating Art Studio Tools</p> <p>Print Observations, researching the work of artists, developing design ideas, printing practical techniques.</p> <p>Gallery visit assignment</p>	<p>Biology</p> <p>Diet and Digestion Breathing and Respiration Plant Biology</p>
<p>Chemistry</p> <p>Elements, Compounds and Mixtures Reactions (part 1 and energy changes) Patterns of reactivity and Displacement Reactions Kinetic theory Careers</p>	<p>Computing</p> <p>Cyber bullying. Creating a Quiz App in html. Programming in Python. Swift using Playground App.</p>
<p>English</p> <ul style="list-style-type: none"> • Heroes • Magic and Mystery • Environment • Introduction to literary analysis – essay writing • Introduction to Victorian Prose Criticism • The Apprentice • Persuasive writing • Functional writing • Class Novel • SPG • Analysing and creating multi modal texts • Shakespeare’s A Midsummer’s Night’s Dream 	<p>French</p> <p>Home and Local Environment Transport Food and Drink Shopping for food and souvenirs School Environment Health and Healthy eating</p>
<p>Geography</p> <p>A Sense of Place - Europe and the EU Rivers (processes & landforms) and Flooding Careers - the Perfect Geographer Population and Migration Glaciation (processes & landforms) and Avalanches Weathering and Rocks</p>	<p>German</p> <p>Meeting, Greeting and getting to know you My Family My school My house and home Food and drink Hobbies and interests</p>

History	Home Economics
<p>The Reformation Henry VIII Mary Queen of Scots The Spanish Armada The Plantations in Ireland The English Civil War Oliver Cromwell in Ireland The Restoration The Williamite Wars in Ireland May optional module post examinations</p>	<p>Unit 1 Food and Nutrition</p> <p>Unit 2 Taking Care of Your Food (Food Safety)</p> <p>Unit 3 Growing Up (Babies and Young Children) and Growing Older</p> <p>Pupils prepare a range of dishes in class when studying each Unit e.g. Chilli con carne to demonstrate their ability to prepare food in a safe, hygienic and creative way</p> <p>Pupils have opportunities to develop a wide range of transferrable skills including research, independent learning, working with others, being creative</p> <p>Four core assessment tasks are completed throughout the year which contribute to formal examinations i.e. Winter session - an end of unit test and a practical examination; Summer session - a practical examination and a coursework task.</p>
Learning for Life and Work	
<p>Employability Year 9 students develop their understanding of career planning and the impact of the global market. In particular, they cover:</p> <ul style="list-style-type: none"> • Career Management • Working in the Local and Global Economy • The skills for Enterprise and Entrepreneurship <p>Citizenship Students address the following topics:</p> <ul style="list-style-type: none"> • How and why inequalities arise in society and how these can be seen • How and why people may experience inequality and social exclusion • The roles of intergovernmental, governmental and nongovernmental organisations which aim to promote equality and social justice <p>Personal Development Year 9 students continue to develop and explore:</p> <ul style="list-style-type: none"> • Health and the whole person • Strategies to manage, the effects of change on body, mind and behaviour • Preventative strategies in relation to accidents in the home, school and on the road & Strategies to promote personal safety • Effects on the body of legal and illegal substances values and beliefs • Qualities of relationships including friendship & Qualities of a loving, respectful relationship • Different ways to develop self esteem • Skills and strategies to improve own learning • Explore and express a sense of self • Personal morals, values and beliefs 	

Mathematics	Music
<p>In Year 9 pupils will study the following components of Mathematics:</p> <ul style="list-style-type: none"> • Number including; Multiplication and division of fractions, rounding including significant figures, change between decimals, fractions and percentages, standard form and indices and ratio. • Algebra including; breaking brackets, substitution, equations involving fractions, • Shape, space and measure including; further areas of triangles and quadrilaterals, area and circumference of a circle, Pythagoras' Theorem, transformations, scale drawing and angles around polygons. • Handling Data including; Mean, median and mode from a list, basic probability, scatter graphs and correlation, 	<p>Blues and Jazz Students study the Cotton slave triangle, the abolition of slavery and the move from Negro Spirituals to work songs and Blues. Students perform 12 bar Blues pieces on classroom instruments and in GarageBand. Elements of Music and Active Listening Music notation</p> <p>Latin American rhythms Students study and perform Samba rhythms and create Latin style compositions on GarageBand.</p>
Physics	Physical Education
<p>Light Sound</p>	<p>Gymnastics Fitness Tennis Athletics Softball</p>
Religious Studies	Spanish
<p>Module on Islam 1. Muhammad and the beginning of Islam 2. The five pillars of Islam 3. Islamic beliefs and practises. Module on Early Church 1. Major stories of Acts 2. Writing materials of the Bible</p>	<p>Spain and the Spanish-speaking world Number, ages and birthdays Where people live The family Descriptions School</p>
Technology & Design	
<p>1. Communication Task - Mini Company (Animal Conservation/ Protection). 2. Graphics - Development of drawing techniques. (More complex shapes/products, rendering, isometric) 3. Design - Design of Mechanical Toy Project. 4. Manufacture - workshop skills and safety to produce (a) Mechanical Toy. 5. Theory Health and Safety, Materials and Mechanisms. 6. ICT - Keynote presentation/log of design and manufacture activities also to include information on purpose of Mini Company. 3 fold leaflet (Company based).</p>	

Year 10

Art & Design	Biology
<p>Careers research assignment</p> <p>Ceramics Observations, researching the work of artists and designers, developing ideas and practical ceramic techniques.</p> <p>Independent project work: Observations, researching the work of other artists and designers, developing ideas through experimentation in variety of techniques which might include: paint, collage, mixed media, photography, print.</p>	<p>Blood and Circulation Microbes and Disease Genetics and Inheritance Ecosystems</p>
Chemistry	English
<p>Reactions (part 2) Neutralisation KS 3 ICT Accreditation GCSE Atomic Structure GCSE Bonding GCSE Structures GCSE Nanoparticles</p> <p>Writing Formulae and equations</p>	<ul style="list-style-type: none"> •Persuasive writing •Irish short stories •Writers' craft/ method analysis •Poetry on the theme of death – writing analytically and creatively •Creative writing - Friendship •Careers in English •Feature writing - Journalism •Shakespeare - close study •War Poetry – structuring a formal poetry essay •Developing unseen analysis - prose criticism •Novel to film unit
French	Geography
<p>A mon avis and asking people out Préparer une visite Savoir vivre Découvrir le monde</p>	<p>A Sense of Place - the World Plate Tectonics (earthquakes and volcanoes) Development Indicators Globalisation Careers - jobs, skills and apps Global issues - Fair Trade, Coffee and Aid Fragile Ecosystems - tropical rainforests and coral reefs</p>
German	History
<p>My town Transport Weather and seasons Making arrangements to go out Supermarket and café At the weekend Physical and personality descriptions and relationships</p>	<p>World War One The Holocaust The Suffragettes The Jazz Age The Rise of the Nazis Nationalism in Ireland Revolutions in the USA and France The Partition of Ireland The Beginning of the Troubles</p>

Daily routine, household tasks and pocket money Travelling around town Shopping and Services School Body Parts and Illness	
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Home Economics

Savvy Shopper
Ethical Consumer
Dietary Disorders
Sports' Nutrition
Throughout the year pupils make a range of dishes to demonstrate their ability to prepare food in a safe, hygienic and creative way.

Pupils are given opportunities to develop a wide range of transferrable skills e.g. independent learning, working with others, ICT.

Four core assessment tasks are completed and contribute to formal examinations i.e. end of unit test and practical exam (Winter Session); coursework and practical exam (Summer Session).

Learning for Life and Work

Employability

In Year 10 students focus their career plan in conjunction with the GCSE option choice process. In particular:

- A review of their skills and qualities
- Identifying job families including identification of learning styles
- Undertaking focused careers Research and using local market information
- Writing a Personal Career Plan with established goals to include the GCSE option choice process
- Writing a CV and Personal Statement
- Undertaking a Dragon's Den style entrepreneurship exercise

Citizenship

The final topic in Year 9 acts as a bridge into Year 10 when pupils will examine:

- The basic characteristics of democracy
- Ways to participate in school and society
- The necessity of rules and laws

Pupils will also return to the explicit study of human rights when studying:

- The importance of upholding human rights standards in society
- Why different rights must be limited
- Scenarios where rights may have been infringed

Pupils conclude their study of Local and Global Citizenship through investigating an issue from a range of viewpoints.

Personal Development

Year 10 students continue to develop and explore:

- Health and the whole person
- Effects of change on body, mind and behaviour
- Effects on the body of legal and illegal substances and the risks and consequences of their misuse
- Effects on the body of legal and illegal substances and the risks and consequences of their misuse
- Personal morals, values and beliefs
- Developing Self esteem
- Influences on a young person

- Strategies to improve own learning

Students also focus on:

- Relationship Scenarios & Dealing with conflict
- Qualities of relationships including friendship & Qualities of a loving, respectful relationship
- Implications of sexual Maturation
- Implications of early sexual activity

Mathematics	Music
<p>In Year 10 pupils will study the following components of Mathematics:</p> <ul style="list-style-type: none"> • Number including; further use of negative numbers, percentages, trial and improvement and fractions with all four operations. • Algebra including; algebraic products and factors, simultaneous equations by elimination, changing the subject of a formula, sequences, algebraic fractions, graph drawing and coordinate geometry. • Shape, space and measure including; trigonometry and volume and density. • Handling Data including; Cumulative Frequency, Stem and leaf diagrams, Box and Whisker diagrams. 	<p>ICT accreditation task; Creating a soundtrack TV Themes Students perform a TV theme on classroom instruments. Students re create a tv theme in GarageBand Students study the effect of music in advertising.</p> <p>Film Music and Casino Royale Students study the origins of film music, the effect of music on a film, and create their own soundtracks for a minute long movie in GarageBand and IMovie. Students re create scenes from Casino Royale on C2K systems.</p>
Physics	Physical Education
<p>Electricity Turning Forces Magnetism</p>	<p>Badminton Fitness Basketball Athletics Softball</p>
Religious Studies	Spanish
<p>Module on Buddhism 1. Story of the Buddha and path to enlightenment 2. Beliefs about the life cycle and nirvana 3. Teachings of the Buddha; focusing on the Four Noble Truths and the Eightfold Path. Christian Ethics (GCSE module start) 1. Abortion 2. Euthanasia</p>	<p>En casa Mi pueblo En mi tiempo libre La comida</p>
Technology & Design	
<p>1. Communication Task - KS3 ICT Accreditation based round production of Key Fob. 2. Graphics - Perspective Drawing. (Complex shapes/products in 1 point and 2 point perspective with some development of 3point), rendering. 3. Design - Design of Key Fob and Light Alarm projects 4. Manufacture - workshop and CAD/CAM skills and safety to produce (a) Key Fob (b) soldered circuit and housing for Light Alarm. 5. Theory Health and Safety, Materials, CAD/CAM and Electronics. 6. ICT - Keynote presentation for Key Fob, design and manufacture skills for use of Laser Cutter (CAD/CAM).</p>	