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# EGYPT BRITISH INTERNATIONAL SCHOOL

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## Curriculum Booklet Term-1

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# EBIS SECONDARY SCHOOL UNITS OF WORK - TERM 1



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# MATHEMATICS

## YEAR 7

### First unit of work title:

Analyzing and displaying data

### Topic areas that will be covered during the unit:

MODE, MEDIAN AND RANGE

DISPLAYING DATA

GROUPING DATA

AVERAGES

LINE GRAPHS AND MORE BAR CHARTS

### Brief description of topic areas:

Find the mode, median mean and range of a set of data.  
Read and draw pictograms, bar charts and bar-line charts.  
Read and construct tally charts and frequency tables.  
Read and construct grouped tally charts and frequency tables.  
Read line graphs, dual bar charts, compound bar chart.

### Web link to National Curriculum:

### Second unit of work title:

Numbers skills

### Topic areas that will be covered during the unit:

2.1 MENTAL MATHS

2.2 ADDITION AND SUBTRACTION

2.3 MULTIPLICATION

2.4 DIVISION

2.6 NEGATIVE NUMBERS

2.7 FACTORS MULTIPLES AND PRIMES

2.8 SQUARES AND ROOTS

### Brief description of topic areas:

Know and use the priority of operations and laws of arithmetic.(BIDMAS)  
Multiply and divide by 10, 100, 1000.  
Round whole numbers to the nearest 10, 100, 1000.  
Multiply and divide whole numbers using a written method.  
Order, add, subtract, multiply and divide positive and negative numbers  
Identifying and understanding factors, multiples and prime numbers.  
Recognise and use square and cube numbers and square and cubic roots

### Web link to National Curriculum:



# MATHEMATICS

## YEAR 7

### Third unit of work title:

Expressions, functions and formulae

### Topic areas that will be covered during the unit:

#### 3.1 FUNCTIONS

#### 3.2/3.3 SIMPLIFYING EXPRESSIONS

#### 3.4 WRITING EXPRESSIONS

#### 3.5 SUBSTITUTING INTO FORMULAE

#### 3.6 WRITING FORMULAE

### Brief description of topic areas:

Find outputs of simple functions written in words and using symbols.

Describe simple functions in words.

Simplify simple algebraic expressions by collecting like terms.

Use brackets with numbers and letters.

Write expressions from word descriptions using addition, subtraction and multiplication.

Write expressions to represent function machines.

Substitute integers into simple formulae written in words or into formulae written in letter symbols.

Write simple formulae using letter symbols.

Identify the unknowns in a formula and a function.

### Fourth unit of work title:

Decimals and measures

### Topic areas that will be covered during the unit:

#### 4.1 DECIMALS AND ROUNDING

#### 4.2 LENGTH, MASS AND CAPACITY

#### 4.3 SCALES AND COORDINATES

#### 4.4 / 4.5 WORKING WITH DECIMALS

#### 4.6 PERIMETER

#### 4.7 AREA

#### 4.8 MORE UNITS

### Brief description of topic areas:

Write decimals in order of size.

Round decimals to the nearest whole number and to one decimal place.

Convert between metric units of length, mass and capacity.

Read scales on a range of measuring equipment.

Plot and read coordinates in all four quadrants.

Add and subtract decimals.

Multiply and divide decimals by single-digit whole numbers.

Work out the perimeters of shapes.

Calculate the areas of squares and rectangles and shapes made from rectangles.



# MATHEMATICS

## YEAR 8

**First unit of work title:** 1 Number

**Topic areas that will be covered during the unit:**

- 1.1 calculations
- 1.2 calculating with negative numbers
- 1.3 powers and roots
- 1.4 power roots and brackets
- 1.5 multiples and factors

**Brief description of topic areas:**

Use mental strategies for multiplication – doubling and halving strategies **5a**  
Use mental strategies for multiplication and division **5a**  
Ordering, comparing, adding and subtracting positive integers using number line  
Add and subtract, negative integers from positive and negative numbers .  
Use index notation for squares and cubes and for positive integer powers of 10 **5**

**Second unit of work title:**

3 expressions, functions and formula

**Topic areas that will be covered during the unit:**

- 3.1,3.2 functions and simplifying expressions
- 3.4 writing expressions.
- 3.6 writing formula
- 3.5 substituting into formula

**Brief description of topic areas:**

Find outputs of simple functions expressed in words **4c**  
Describe simple functions in words **4b**  
Simplify simple linear algebraic expressions by collecting like terms

**Third unit of work title:**

2 area and volume

**Topic areas that will be covered during the unit:**

- 2.1 area of triangle
- 2.2 area of parallelogram and trapezium
- 2.3 volume of cube and cuboid
- 2.4 3 D shapes
- 2.5 surface area of cube and cuboid

**Brief description of topic areas:**

Calculating area and volume for 2-d and 3-d shapes



# MATHEMATICS

## YEAR 8

### **Fourth unit of work title:**

3 statistics, graphs and charts

### **Topic areas that will be covered during the unit:**

- 3.1 pie chart
- 3.2 using tables
- 3.3 stem and leaf diagram
- 3.4 comparing data
- 3.5 scatter graphs
- 43.6 finance

### **Brief description of topic areas:**

Calculate the mean from a simple frequency table **5c**  
Construct a simple frequency table with equal class intervals for continuous data

### **Fifth unit of work title:** 4 expressions and equations

### **Topic areas that will be covered during the unit:**

- 4.1 algebraic powers
- 4.2 Expressions and brackets
- 4.3 factorising expressions
- 4.4 one step equation
- 4.5 two-step equations
- 4.6 balancing method

### **Brief description of topic areas:**

Solve simple linear equations with integer coefficients, of the form  $ax = b$  or  $x \pm b = c$  e.g.  $2x = 18$ ,  $x + 7 = 12$  or  $x - 3 = 15$   
**5b**  
Substitute integers into formulae and solve for missing values one- step equations.

### **Sixth unit of work title:**

5 real life's graphs

### **Topic areas that will be covered during the unit:**

- 5.1 conversion graphs
- 5.2 distance, time graphs
- 5.3 line graphs

### **Brief description of topic areas:**

Interpret a distance-time graph **5a**  
Plot a simple distance-time graph **6c**





# MATHEMATICS

## YEAR 9

### First unit of work title:

Indices and Standard form

### Topic areas that will be covered during the unit:

**INDICES**

**CALCULATIONS AND ESTIMATES**

**MORE INDICES AND CONVERSIONS**

**STANDARD FORM**

### Brief description of topic areas:

Establish index laws for positive powers where the answer is a positive power **6b**

Distinguish between exact representations of roots and their decimal approximations **6a**

Make and justify estimates and approximations of calculations involving more than two operations and BIDMAS **7c**

Use the index laws to include negative power answers and understand that these answers are smaller than 1 **7c**

Know the prefixes associated with  $10^{12}$ ,  $10^9$ ,  $10^6$ ,  $10^3$ ,  $10^{-2}$ ,  $10^{-3}$ ,  $10^{-6}$ ,  $10^{-9}$ ,  $10^{-12}$  **6a**

Write numbers greater than 10 in standard index form **7b**

Write numbers less than 10 in standard index form **7a**

### Second unit of work title:

Expressions and Calculations

### Topic areas that will be covered during the unit:

**2.1 SUBSTITUTING INTO EXPRESSIONS**

**2.2 WRITING EXPRESSIONS AND FORMULAE**

**2.3 USING FORMULA**

**2.4 RULES OF INDICES AND BRACKETS**

**2.5 EXPANDING DOUBLE BRACKETS**

### Brief description of topic areas:

Substitute positive and negative integers into linear expressions and expressions involving powers **7c**

Solve linear equations, including those containing brackets, where the variable appears on both sides

Rearrange formulae by doing the same to both sides

Derive complex algebraic expressions and formulae **6a**

Simplify expressions involving brackets and powers **6a**

Multiply out brackets involving positive and negative terms such as  $(a + b)(c - d)$  or  $(a - b)(c - d)$  and collect like terms **7a**



# MATHEMATICS

## YEAR 9

### Third unit of work title:

Dealing with Data

### Topic areas that will be covered during the unit:

- 3.1 Planning a survey
- 3.2 Collecting data
- 3.3 Calculating averages
- 3.4 Display and analyze data
- 3.5 Writing a report

### Brief description of topic areas:

Identify sources of primary and secondary data.  
Design and use data collection sheets and tables.  
Calculate the mean from a set of data using an assumed mean **6c**  
Find the modal class of a large set of data **7c**  
Calculate an estimate of the mean of a large set of grouped data **7a**  
Construct and use a line of best fit to estimate missing values.  
Construct and use frequency polygons.  
Write a report to show results of a survey.

### Fourth unit of work title:

Multiplicative reasoning

### Topic areas that will be covered during the unit:

- 4.1 Enlargement
- 4.2 Negative and fractional scale factors
- 4.3 Percentage change
- 4.4 Rates of change
- 4.5 Problem solving

### Brief description of topic areas:

Enlarge 2D shapes using positive, negative and fractional scale factors.  
Find the centre of enlargement by drawing lines on a grid.  
Find an original value using inverse operations.  
Calculate percentage change.  
Solve problems using compound measures, percentage change and rates of change.  
Solve problems using percentage change and rates of change.  
Solve problems using ratio and scale factors.





# ENGLISH

## YEAR 7

### **First unit of work title:**

**English Language:** Secrets of the Sea 2<sup>nd</sup> September – 4<sup>th</sup> October

**Formal Assessment:** W/C – 30<sup>th</sup> Jan – Writing a persuasive speech / writing to persuade, inform and explain.

**English Literature:** Poetry Unit 2<sup>nd</sup> September – 18<sup>th</sup> October: Students will study an anthology of poetry about hobbies and interests.

**Formal Assessment:** W/C – 14<sup>th</sup> October – Formal Literary Essay

### **Topic areas that will be covered during the unit:**

**English Language:** Writing to persuade, vocabulary, spelling and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a poetry anthology.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of texts in order to be able to both analyse and produce texts of this type. Students will use the plan, draft, peer/self/teacher assess redraft process throughout all units of work. They will also have the opportunity to present their persuasive speeches to other classes and teachers.

**English Literature:** Students will analyse poetry as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)

### **Second unit of work title:**

**English Language:** Feeding Us All 7<sup>th</sup> October – 8<sup>th</sup> November

**Formal Assessment:** W/C – 4<sup>th</sup> November. Writing a descriptive piece using food as trigger. Writing in order to describe and entertain.

**English Literature:** Class Novel 28<sup>th</sup> October – 21<sup>st</sup> February: Students will study the novel Skellig by David Almond

### **Topic areas that will be covered during the unit:**

**English Language:** Writing for different purposes; spelling, vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a novel.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of texts linked to food, in order to be able to both analyse and produce these types of text.

**English Literature:** Students will read and analyse the novel as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)



# ENGLISH

## YEAR 7

**Third unit of work title:**

**English Language:** Health 11<sup>th</sup> November – 13<sup>th</sup> December

**Formal Assessment:** W/C – 9<sup>th</sup> December – Writing a formal letter to Mr Barry. Writing to advise, argue and persuade

**English Literature:** Class Novel (as above)

**Formal Assessment:** W/C – 9<sup>th</sup> December – Pearson Edexcel reading exam

**Topic areas that will be covered during the unit:**

**English Language:** Writing to advise and argue and persuade, spelling, vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a novel.

**Brief description of topic areas:**

**English Language:** Students will study a variety of texts linked to health in order to be able to both analyse and produce this type of text.

**English Literature:** Students will read and analyse a novel as a whole class and complete individual, paired and group activities throughout.

**Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)



# ENGLISH

## YEAR 8

### First unit of work title:

**English Language:** Education – 2<sup>nd</sup> September 27<sup>th</sup> September

**Formal Assessment:** W/C –23<sup>rd</sup> September – Writing an autobiography about early school days. Writing to inform, explain and entertain.

**English Literature:** Poetry Unit – Memories of the Dead 2nd September – 18<sup>th</sup> October: Students will study and anthology of poetry about experiences and emotions linked to death.

**Formal Assessment:** W/C – 14<sup>th</sup> October – Formal Literary Essay

### Topic areas that will be covered during the unit:

**English Language:** Writing to inform, explore and entertain; spelling, vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a poetry anthology.

### Brief description of topic areas:

**English Language:** Students will study a variety of texts linked to the theme of education, in order to be able to both analyse and produce texts of this type. Students will use the plan, draft, peer/self/teacher assess redraft process throughout all units of work.

**English Literature:** Students will analyse poetry as a whole class and complete individual, paired and group activities throughout.

### Web link to National Curriculum:

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)

### Second unit of work title:

**English Language:** Journeys – 30<sup>th</sup> October – 1<sup>st</sup> November

**Formal Assessment:** W/C –28<sup>th</sup> October – Writing a personal recount. Writing to inform explain and describe

**English Literature:** Class Novel 28<sup>th</sup> October – 21<sup>st</sup> February: Students will study Room 13 by Robert Swindells

### Topic areas that will be covered during the unit:

**English Language:** Writing for different purposes, spelling vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a novel.

### Brief description of topic areas:

**English Language:** Students will study a variety of texts linked to journeys and travel in order to be able to both analyse and produce this type of text.

**English Literature:** Students will read analyse the novel as a whole class and complete individual, paired and group activities throughout.

### Web link to National Curriculum:

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)



# ENGLISH

## YEAR 8

### **Third unit of work title:**

**English Language: Finding Your Place** – 4<sup>th</sup> November – 29<sup>th</sup> November

**Formal Assessment:** W/C –25<sup>th</sup> November – Writing an opinion piece. Writing to argue, entertain and inform.

**English Literature:** Class Novel 28<sup>th</sup> October – 21<sup>st</sup> February: Students will study Room 13 by Robert Swindells

**Formal Assessment:** W/C – 9<sup>th</sup> December – Pearson Edexcel reading exam

### **Topic areas that will be covered during the unit:**

**English Language:** Writing to inform, explain and describe; vocabulary and grammar.

**English Literature:** Students will read analyse the novel as a whole class and complete individual, paired and group activities throughout.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of informative and explanatory texts linked to work in order to be able to both analyse and produce this type of text.

**English Literature:** Students will analyse poetry as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)



# ENGLISH

## YEAR 9

### **First unit of work title:**

**English Language:** Formal Writing – 2<sup>nd</sup> September 27<sup>th</sup> September

**Formal Assessment:** W/C –23<sup>rd</sup> September – Writing a formal letter. Writing to persuade, argue and advise.

**English Literature:** Class Novel September 2<sup>nd</sup> September – 6<sup>th</sup> December. Students will read and analyse Oliver Twist by Charles Dickens.

### **Topic areas that will be covered during the unit:**

**English Language:** Writing to persuade, argue and advise; spelling, vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a whole novel.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of formal texts, in order to be able to both analyse and produce texts of this type. Students will use the plan, draft, peer/self/teacher assess redraft process throughout all units of work.

**English Literature:** Students will analyse and read their novel as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)

### **Second unit of work title:**

**English Language:** Recount – 30<sup>th</sup> October – 1<sup>st</sup> November

**Formal Assessment:** W/C –28<sup>th</sup> October – Writing a personal recount. Writing to inform explain and describe

**English Literature:** Class Novel

### **Topic areas that will be covered during the unit:**

**English Language:** Writing for different purposes, spelling vocabulary and grammar.

**English Literature:** Comprehension; reading to deduce and infer; close textual analysis of a novel.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of recount texts in order to be able to both analyse and produce this type of text.

**English Literature:** Students will read and analyse the novel as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)



# ENGLISH

## YEAR 9

### **Third unit of work title:**

**English Language: Autobiography** – 4<sup>th</sup> November – 6<sup>th</sup> December

**Formal Assessment:** W/C – 2<sup>nd</sup> December – Writing an autobiography. Writing to explore / inform / describe.

**English Literature:** Class Novel

**Formal Assessment:** W/C – 9<sup>th</sup> December – Pearson Edexcel reading exam

### **Topic areas that will be covered during the unit:**

**English Language:** Writing to inform, explore and describe; vocabulary and grammar.

**English Literature:** Students will read and analyse the novel as a whole class and complete individual, paired and group activities throughout.

### **Brief description of topic areas:**

**English Language:** Students will study a variety of informative and exploratory texts in order to be able to both analyse and produce this type of text.

**English Literature:** Students will analyse poetry as a whole class and complete individual, paired and group activities throughout.

### **Web link to National Curriculum:**

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/244215/SECONDARY\\_national\\_curriculum\\_-\\_English2.pdf](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/244215/SECONDARY_national_curriculum_-_English2.pdf)





# CHEMISTRY

## YEAR 7

**First unit of work title:**

Mixtures and separation

**Topic areas that will be covered during the unit:**

Mixtures, solutions and separating solutions. Using Bunsen burners and writing scientific methods.

**Brief description of topic areas:**

This unit revises and builds on work in KS2 on materials, specifically on mixtures, solutions and separation techniques using the context of providing clean drinking water. This provides opportunities to introduce the methods of working in a science lab, which will differ from the science learning experience that most students will have had previously.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zgvc4wx/revision/1>

<https://www.bbc.com/bitesize/guides/zypv34j/revision/1>

<https://www.youtube.com/watch?v=nxRGahK7B48>

**Second unit of work title:**

Acids and Alkalis

**Topic areas that will be covered during the unit:**

Scientific hazards, indicators, acids and alkalis, neutralisation, neutralisation in daily life and treatment for indigestion.

**Brief description of topic areas:**

This unit looks at acids and alkalis and how they are described using a pH number. It looks at neutralisation reactions and some of their uses, and also introduces standard hazard symbols.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

[https://www.youtube.com/watch?v=NoZmrwf1I\\_w](https://www.youtube.com/watch?v=NoZmrwf1I_w)

<https://www.bbc.com/bitesize/guides/zyn3b9q/revision/1>



# CHEMISTRY

## YEAR 8

**First unit of work title:**

Combustion

**Topic areas that will be covered during the unit:**

Burning fuels, oxidation, fire safety, fair testing, air pollution and global warming.

**Brief description of topic areas:**

This unit uses the context of combustion engines to cover combustion and oxidation reactions, including those of hydrocarbons, metals and non-metals. The idea of an exothermic reaction is introduced and there is also a look at the pollution of the air by the products of fossil fuel combustion. There are opportunities to discuss the impact of global warming and methods for controlling carbon dioxide emissions.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.youtube.com/watch?v=R9qqmuAMZuE>

<https://secondaryscience4all.wordpress.com/combustion-reactions-and-impact-on-climate/>

**Second unit of work title:**

The Periodic Table

**Topic areas that will be covered during the unit:**

Dalton's atomic model, chemical properties, Mendeleev's table, physical and chemical trends and anomalous results.

**Brief description of topic areas:**

This unit uses the context of fireworks to develop students' understanding of matter, atoms and chemical and physical change. Students then look at using the trends in the periodic table to make predictions about physical and chemical properties of elements and their compounds.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/z84wjxs/revision/1>

<https://www.bbc.com/bitesize/topics/zypsgk7>



# CHEMISTRY

## YEAR 9

**First unit of work title:**

Matter and the atom

**Topic areas that will be covered during the unit:**

Particle model, states of matter and change of state. Atoms, elements and compounds and separating substances.

**Brief description of topic areas:**

This first unit of the Year 9 ilower science course ensures students have a clear understanding of the atoms units from Year 7 and 8, and builds on them. Emphasis will be placed on practicing examination style questions to allow students to develop their skills in applying knowledge.

**Web link to National Curriculum:**<https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/z88jy4j/revision/2>

<https://www.bbc.com/bitesize/clips/zbrtfg8>

<https://www.bbc.com/bitesize/guides/ztxwtv4/revision/1>

**Second unit of work title:**

Periodic table

**Topic areas that will be covered during the unit:**

Properties of metals, trends of groups in the periodic table.

**Brief description of topic areas:**

This topic builds on the pupils understanding of the periodic table, and examines the reactions of specific groups.

**Web link to National Curriculum:**<https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.youtube.com/watch?v=0aZoJwL3DjU>

<https://www.bbc.com/bitesize/guides/zqwtcj6/revision/3>



# PHYSICS

## YEAR 7

**First unit of work title:**

Energy

**Topic areas that will be covered during the unit:**

Energy in food, fair testing and comparisons, Energy stores and energy transfers and types and uses of fuels.

**Brief description of topic areas:**

This unit revises and builds on work in KS2 on materials, specifically on mixtures, solutions and separation techniques using the context of providing clean drinking water. This provides opportunities to introduce the methods of working in a science lab, which will differ from the science learning experience that most students will have had previously.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zyfgr82/revision/1>

<https://www.youtube.com/watch?v=rFG2imUAxok>

**Second unit of work title:**

Current Electricity

**Topic areas that will be covered during the unit:**

What is current and how components affect current. Modelling current. Series and parallel circuits and using electricity.

**Brief description of topic areas:**

This unit looks at the measurement of current and how it behaves in series and parallel circuits, and at voltage and resistance. Various models for thinking about what is happening in circuits are explored, and the unit concludes by looking at how we use electricity safely.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.youtube.com/watch?v=cwsYqlEILR4>

[https://www.youtube.com/watch?v=w9GvW\\_vhMss](https://www.youtube.com/watch?v=w9GvW_vhMss)

<https://www.bbc.com/bitesize/guides/zsfgr82/revision/1>



# PHYSICS

## YEAR 8

**First unit of work title:**

Fluids

**Topic areas that will be covered during the unit:**

Particle model, calculations with density, changing state, pressure in fluids, floating and sinking and drag.

**Brief description of topic areas:**

This unit looks at changes of state, and then goes on to look at fluids and some of their effects, including pressure, floating and sinking, and drag. Several opportunities are available during the topic for students to develop their skills in working scientifically and develop their mathematical skills relating to science.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/topics/zkr4jxs>

<https://www.youtube.com/watch?v=frFFoiXwqww>

**Second unit of work title:**

Light

**Topic areas that will be covered during the unit:**

Moving light, reflection, refraction and use of symbols and conventions in science.

**Brief description of topic areas:**

This unit revises work from KS2 on light, which is then extended to consider how light travels and what happens when it meets an object. The unit is set in the context of stage, film and illusions.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zq7thyc/revision/1>

<https://www.youtube.com/watch?v=C9NIDtFNVc0> (only light section)



# PHYSICS

## YEAR 9

**First unit of work title:**

Types of forces (Revision)

**Topic areas that will be covered during the unit:**

Using arrows to represent forces, resultant forces, resistance, drag, terminal velocity, energy for movement and energy transfer.

**Brief description of topic areas:**

This first unit of the Year 9 ilower science course ensures students have a clear understanding of the forces units from Year 7 and 8, and build on them. Emphasis will be placed on practicing examination style questions to allow students to develop their skills in applying knowledge.

**Web link to National Curriculum:** <https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.youtube.com/watch?v=AH0Mzb0yFsk>

<https://www.youtube.com/watch?v=pG3z73IBELA>

<https://www.youtube.com/watch?v=9kMNtZvYmqQ>

**Second unit of work title:**

Speed

**Topic areas that will be covered during the unit:**

Speed and distance time graphs

**Brief description of topic areas:**

This topic introduces the formula relating speed, distance and time, and shows how journeys can be represented on a distance–time graph. The Working Scientifically pages look at how simple formulae can be rearranged and how to calculate the gradient of a line on a graph.

**Web link to National Curriculum:** <https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zwwmxnb/revision/1>

[http://physics-schooluk.com/ks3\\_speed.html](http://physics-schooluk.com/ks3_speed.html)

[https://www.youtube.com/watch?v=511rdc8K\\_TU](https://www.youtube.com/watch?v=511rdc8K_TU)





# BIOLOGY

## YEAR 7

**First unit of work title:**

Cells, tissues and organs

**Topic areas that will be covered during the unit:**

Life processes, organisation of cells, tissues and organs.

**Brief description of topic areas:**

This unit recaps features of organisms, and then looks at organs, tissues and cells. These ideas are then built back up in order to look at organs once again, in the context of organ systems. Students are encouraged to compare what we know now about the structure of organisms with what people believed in the past. The theme of Ancient Egypt helps to thread these ideas together.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.echalk.co.uk/Science/Biology/cells/imageBank/cellsMenu.html>

<https://www.s-cool.co.uk/gcse/biology/cells>

<https://www.bbc.com/bitesize/subjects/z4882hv>

<https://www.bbc.com/bitesize/guides/z9hyvcw/revision/1>

**Second unit of work title:**

Sexual reproduction in animals

**Topic areas that will be covered during the unit:**

Animal reproductions, reproductive organs, pregnancy, birth, growing up.

**Brief description of topic areas:**

This unit explores sexual reproduction in animals, in the context of efforts being made by zoos to prevent endangered species becoming extinct. However, the central focus for learning is the human reproductive system and sexual reproduction in humans.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/clips/z3j8bk7>

<https://www.bbc.com/bitesize/topics/zybbkqt>



# BIOLOGY

## YEAR 8

**First unit of work title:**

Food and nutrition

**Topic areas that will be covered during the unit:**

Use of nutrients, balanced diet, digestions and absorption of food.

**Brief description of topic areas:**

This unit looks at the main components in the human diet and why they are needed. The digestive system is also covered in some detail, and the idea of enzymes is introduced.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://goo.gl/6n6Mer>

<https://www.bbc.com/bitesize/topics/zf339j6>

<https://www.youtube.com/watch?v=nVLNmfww5SQ>

<https://www.youtube.com/watch?v=GqqHvgPXn7Q>

**Second unit of work title:**

Plants and their reproduction.

**Topic areas that will be covered during the unit:**

Classification, plant reproduction, pollinations and fertilisation.

**Brief description of topic areas:**

This unit covers reproduction in plants, both sexual and asexual, although the former is of chief importance. Classification and biodiversity are also covered. The theme that is threaded through the unit is the various uses that we have for plants.

**Web link to National Curriculum:** <https://goo.gl/8UC5Ux>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zs7thyc/revision/1>

<https://www.youtube.com/watch?v=PvVhJfOrTEQ>



# BIOLOGY

## YEAR 9

**First unit of work title:**

Characteristics of life/Cells

**Topic areas that will be covered during the unit:**

Revision of cell structure and organisation, diffusion into and out of cells and factors affecting diffusion

**Brief description of topic areas:**

This first topic of the Pearson iLower science course recaps essential content from Year 7 Cells, and develops to investigate how substances enter and leave cells and factors that affect this process.

**Web link to National Curriculum:** <https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zxm3jty/revision/1>

<https://www.youtube.com/watch?v=IH3kVOch9nU>

<https://www.bbc.com/bitesize/guides/z22vw6f/revision/1>

**Second unit of work title:**

Organ system, diet and digestion

**Topic areas that will be covered during the unit:**

Organs, organ systems, diet, digestions and deficiency disease

**Brief description of topic areas:**

This second topic builds on the Year 8 diet and digestions topic to develop understanding further. Diet deficiency diseases will also be studied. Emphasis will be placed on practising exam style questions relating to both topics 1 and 2

**Web link to National Curriculum:** <https://goo.gl/6sV4mH>

**Useful websites:**

<https://www.pearsonactivelearn.com>

<https://www.bbc.com/bitesize/guides/zwqycdm/revision/1>

[https://www.youtube.com/watch?v=32gNePkj1\\_4](https://www.youtube.com/watch?v=32gNePkj1_4)

<https://www.bbc.com/bitesize/guides/zdjfr82/revision/2>

<https://goo.gl/V31Sek>



# PHYSICAL EDUCATION

## YEAR 7

**First unit of work title:**

Swimming

**Topic areas that will be covered during the unit:**

Front crawl, Back crawl, Breast Stroke, water safety.

**Brief description of topic areas:**

Students will learn the basic technique of each of the 3 swimming strokes while learning the basic concepts of water safety.

**Web link to National Curriculum:** <https://www.gov.uk/government/publications/national-curriculum-in-england-physical-education-programmes-of-study/national-curriculum-in-england-physical-education-programmes-of-study#key-stage-3>



# PHYSICAL EDUCATION

## YEAR 8

**First unit of work title:**

Swimming

**Topic areas that will be covered during the unit:**

Front crawl, Back crawl, Breast Stroke.

**Brief description of topic areas:**

Students will build on the technique of each of the 3 swimming strokes learnt during year 7 while improving technique of 2 chosen strokes.

**Web link to National Curriculum:** <https://www.gov.uk/government/publications/national-curriculum-in-england-physical-education-programmes-of-study/national-curriculum-in-england-physical-education-programmes-of-study#key-stage-3>



# PHYSICAL EDUCATION

## YEAR 9

**First unit of work title:**

Swimming

**Topic areas that will be covered during the unit:**

Front crawl, Back crawl, Breast Stroke, Fly.

**Brief description of topic areas:**

Students will build on technique learnt in years 7 and 8 of each of the 4 swimming strokes while developing their diving technique. They will learn all swim gala events.

**Web link to National Curriculum:** <https://www.gov.uk/government/publications/national-curriculum-in-england-physical-education-programmes-of-study/national-curriculum-in-england-physical-education-programmes-of-study#key-stage-3>





# ART

## YEAR 7

### First unit of work title: Project 1

Colours

#### Topic areas that will be covered during the unit:

Primary, Secondary & Tertiary Colours; Warm, Cool & Neutral Colours, Complimentary Colours, Tints, Shades and Tones

#### Brief description of topic areas:

- \*Understanding and producing images in warm or cool colours
- \*Learning some techniques for different colour media.
- \* Producing an octagonal section as part of a group work project.

#### Web link to National Curriculum:

[https://www.slideshare.net/cortneyw/the-story-of-the-color-wheel-29398880?next\\_slideshow=1](https://www.slideshare.net/cortneyw/the-story-of-the-color-wheel-29398880?next_slideshow=1)

### Second unit of work title: Project 2

Pop Art

#### Topic areas that will be covered during the unit:

Looking at Pop Art ( Roy Lichtenstein )

#### Brief description of topic areas:

- \*Artists, ( Roy Lichtenstein )students to investigate his style and methods and produce an artwork of their own choosing using their own type of cartoon (statement) type imagery
- \* Using a subject of personal relevance.

#### Web link to National Curriculum:

<https://www.google.com/search?q=KS3+Art+Roy+Lichtenstein&client=firefox-b-ab&tbm=isch&tbo=u&source=univ&sa=X&ved=2ahUKEwiF67aih7dAhUPYxoKHWdqBhUQsAR6BAgCEAE&biw=1440&bih=767>



# ART

## YEAR 8

### **First unit of work title: Producing an Art-Work in Warm & Cool Colours**

Warm, Cool & Neutral Colours, Complimentary Colours, Tints, Shades and Tones

#### **Topic areas that will be covered during the unit:**

\*Images from photographic sources; to be interpreted in warm and cool colours.

#### **Brief description of topic areas:**

- \*Produce an observed copy of an image one in warm colours the other in cool
- \*Students to experiment with different media and techniques

#### **Web link to National Curriculum:**

<https://www.slideshare.net/sergioaltea/warm-and-cold-colors>

### **Second unit of work title:**

Employing Colour in 'Piet Mondrian' style

#### **Topic areas that will be covered during the unit:**

- \*The rule of thirds – 'Golden Section'
- \*Using primary colours plus black and white or, secondary colours plus black and white or, complimentary colours plus black and white or combinations

#### **Brief description of topic areas:**

Students to produce their own 'Mondrian art work using the \*golden section concept and a personal choice of primary, secondary, complimentary or colour combinations to produce abstract colour designs  
Research artists. Andy Warhol, Lichtenstein etc

#### **Web link to National Curriculum:**

<https://www.theartstory.org/movement-pop-art.htm>

[https://www.google.com/search?client=firefox-b-ab&tbn=isch&q=KS3+Pop+Art&chips=q:ks3+pop+art,online\\_chips:roy+lichtenstein,online\\_chips:lichtenstein+inspired&usg=AI4\\_-](https://www.google.com/search?client=firefox-b-ab&tbn=isch&q=KS3+Pop+Art&chips=q:ks3+pop+art,online_chips:roy+lichtenstein,online_chips:lichtenstein+inspired&usg=AI4_-)



ART

YEAR 9

**First unit of work title: Producing an Impressionist Art-Work in Warm in Colour**

Warm, Cool & Neutral Colours, Complimentary Colours, Tints, Shades and Tones

**Topic areas that will be covered during the unit:**

\*Images from photographic sources; to be interpreted using impressionist techniques.

**Brief description of topic areas:**

\*Produce an observed copy of an image

\*Students to experiment with different media and techniques

**Web link to National Curriculum:**

**Second unit of work title:**

“Conflict”

**Topic areas that will be covered during the unit:**

Illustrating ‘Conflict’ with a personal response in Picasso (cubist style )

**Brief description of topic areas:**

Recreate Picasso style images – different viewpoints at the same time

Produce a colour image relating to conflict ( war, protests, opposite views etc. ) in Picasso style & using any effects, techniques and methods to produce a colour image

**Web link to National Curriculum:**

<https://www.oxfam.org.uk/education/resources/making-sense-of-world-conflicts>



# MUSIC

## YEAR 7

**First unit of work title:** The Beginning

**Topic areas that will be covered during the unit:** History of Music

**Brief description of topic areas:** Where the music comes from? Who was the first inventor?

**Web link to National Curriculum:**

[National Curriculum Music KS3](#)

**Second unit of work title:** Oriental Music

**Topic areas that will be covered during the unit:** World /Egyptian Music

**Brief description of topic areas:** The history of Egyptian music, what are the pharaoh's scales? Oriental music instruments, the famous Egyptian musicians

**Web link to National Curriculum:**

[National Curriculum Music KS3](#)



# MUSIC

## YEAR 8

**First unit of work title:** The Beginning

**Topic areas that will be covered during the unit:** History of Music

**Brief description of topic areas:** Where the music comes from? Who was the first inventor? Where was the first string instrument created?

**Web link to National Curriculum:**

[National Curriculum Music KS3](#)

**Second unit of work title:** Oriental Music

**Topic areas that will be covered during the unit:** World/Egyptian Music

**Brief description of topic areas:** The history of Egyptian music, what are the pharaoh's scales? Oriental music instruments, the famous Egyptian musicians

**Web link to National Curriculum:**

[National Curriculum Music KS3](#)



# COMPUTER SCIENCE

## YEAR 7

**First unit of work title:**

E-safety, Security and Ethics

**Topic areas that will be covered during the unit:**

Digital Life

Knowing what to trust online

**Brief description of topic areas:**

Explore the role that media plays in their lives.

Reflect on the positive and negative impact digital media has on them and on society.

Learn what to look for in websites when deciding if they are trustworthy or not

Practice evaluating a range of websites for trustworthiness and reliability.

To correctly identify trustworthy and untrustworthy websites using set criteria.

To explain why certain websites are more reliable than others.

**Web link to National Curriculum:**

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)

**Second unit of work title:**

Programming

**Topic areas that will be covered during the unit:**

Introduction to programming

Data-type and arithmetic

Python selection

Python consolidation

**Brief description of topic areas:**

What Python is

How to program outputs in python,

How to program inputs in python,

The need to store inputs in python,

How to store inputs into variables in python

Which data type a variable is.

Why a computer needs to know what the data type is for a given input/variable.

Learn how to change the data type of a variable.

Learn how programs make **decisions** in Python

Understand the importance of certain learning habits for successful programming

**Web link to National Curriculum:**

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)





# COMPUTER SCIENCE

## YEAR 8

**First unit of work title:**

Data Analysis

**Topic areas that will be covered during the unit:**

Advanced Microsoft Excel  
Introduction to basics  
Identify Excel interface, recognize Ribbon, tabs and groups  
Creating spreadsheet models, Auto fill  
Equations (sum, average, max, min  
RANDBETWEEN, COUNTIF, Nested IF statement Working with variable  
Using graph to model data  
Excel Data Validation  
Conditional Formatting  
Properties of a flowchart  
Designing flowchart

**Brief description of topic areas:**

Student will learn how to create Microsoft excel spreadsheet model, setup variables, use Excel functions, develop models to be more accurate and more realistic and above all learn how to understand the rules of simulation.

**Web link to National Curriculum:**

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)

**Second unit of work title:**

E-safety, Security and Ethics

**Topic areas that will be covered during the unit:**

Plagiarism and copyright  
Web Design and Creation

**Brief description of topic areas:**

What plagiarism is, How to avoid plagiarism  
What copyright is, What is covered by copyright  
Student will learn how to evaluate information on websites, how to assess whether information is valid.

**Web link to National Curriculum:**

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)



# COMPUTER SCIENCE

## YEAR 9

### First unit of work title:

Image Editing

### Topic areas that will be covered during the unit:

Adobe photo

Adobe Photoshop Advantages

Adobe Photoshop Interface

Properties of Adobe file

Work on tool box window

How to insert ( picture / text) in working area

Clipping Mask

**Project** Merging Adobe photo shop & Microsoft Excel to create a year calendar

### Brief description of topic areas:

In this modules educator will learn how to use Adobe Photoshop, what a picture is and what it consist of, how to select objects and move, scale or rotate them. Use selection and transformation tools.

Understand what a layer, text layer. Image adjustment in order to create cards, banners, profile picture, business card and calendar.

### Web link to National Curriculum:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)

### Second unit of work title:

Video editing

### Topic areas that will be covered during the unit:

Corel Video Studio 6

Corel Interface

Adding Media

Pan & Zoom

Working with title & text

Adding a color clip

Trimming video & audio clips

Video filters

Overlay tracks

Speed & time elapse

Rendering

Creating Film“ EBIS Memories (from Year 1 to 9)

### Brief description of topic areas:

Corel® Video Studio lesson plan will provide the students with all the advanced tools in order to create professional-quality movies. **Introduce** The program free templates, video clips, and other content that inspire creativity.

### Web link to National Curriculum:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239067/SECONDARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239067/SECONDARY_national_curriculum_-_Computing.pdf)



# GEOGRAPHY

## YEAR 7

**First unit of work title:** Maps and Mapping

**Topic areas that will be covered during the unit:**

Grid referencing, scale, compass points, countries of the world, the difference between Britain/UK/British Isles.

**Brief description of topic areas:** Learners will understand how humans are all connected. Learners will develop skills in map reading and understand the different types of maps you can get.

**Web link to National Curriculum:** No statutory requirements

**Second unit of work title:** The UK

**Topic areas that will be covered during the unit:**

Rivers and mountains of the UK, towns and cities, weather patterns, rural living.

**Brief description of topic areas:**

Learners will understand the make-up of the UK and its physical features. They will be able to compare life in the countryside with that of the city. Learners will know which areas are crowded and which are less crowded. They will be able to describe the typical weather patterns of the UK.

**Web link to National Curriculum:** No statutory requirements



# GEOGRAPHY

## YEAR 8

**First unit of work title:** Population

**Topic areas that will be covered during the unit:**

Distribution of population across the planet, comparing the UK with China, negative and positive impact of population growth, plans for the future.

**Brief description of topic areas:**

Learners will understand the distribution of population on earth and how it has developed over the last 12,000 years. Learners will compare different places and define terms such as population density.

**Web link to National Curriculum:** No statutory requirements

**Second unit of work title:** Urbanisation

**Topic areas that will be covered during the unit:**

What was the Industrial revolution? How did it affect Manchester? What are slums, why do they form? What does sustainable mean?

**Brief description of topic areas:**

Learners will understand the benefits and disadvantages of urbanisation. Learners will explain the pattern of urbanisation around the world and to describe the impact of the industrial revolution in the UK.

**Web link to National Curriculum:** No statutory requirements



# GEOGRAPHY

## YEAR 9

**First unit of work title:** Earning a living

**Topic areas that will be covered during the unit:**

Primary, secondary, tertiary and quaternary sectors. Bringing goods to your door and changes in the UK.

**Brief description of topic areas:**

Learners will understand the difference between goods and services. Learners will know what primary, secondary, tertiary and quaternary sectors are. Learners will be able to describe the changes that have taken place in the UK over the last 60 years.

**Web link to National Curriculum:** No statutory requirements

**Second unit of work title:** International Development

**Topic areas that will be covered during the unit:**

GDP, corruption, commodity and infrastructure.

**Brief description of topic areas:**

Learners will understand the difference between rich and poor. They will be able to explain why certain areas are poorer than others.

**Web link to National Curriculum:** No statutory requirements



# HISTORY

## YEAR 7

**First unit of work title:** What is History?

**Topic areas that will be covered during the unit:**

Chronology  
Anachronisms  
Types of evidence  
Judging usefulness and reliability  
Ways of interpreting data and evidence

**Brief description of topic areas:**

Learners will develop understanding of key terminology and learn the necessary skills used within History.

**Web link to National Curriculum:** No statutory requirements

**Please note:** Two topics follow on from this unit but their content will be determined by the above prioritized skills. If pupils complete the 'What is History?' unit then a closer look at The Romans will begin. This will focus on the rise and fall of the empire alongside topics such as 'Life in a Roman Town', 'Public Health' and 'Roman Warfare.'



# HISTORY

## YEAR 8

**First unit of work title:** The Industrial Revolution

**Topic areas that will be covered during the unit:**

Life in an Industrial town; working conditions in 19<sup>th</sup> century factories; positive and negative effects of industrialisation in Britain.

**Brief description of topic areas:**

Learners will develop knowledge and understanding on how Britain emerged as a major power between 1750 and 1850. Learners will compare lifestyles of the rich and poor and understand how living conditions have improved. Learners will develop analytical skills with particular focus on the use of evidence to support and form conclusions.

**Web link to National Curriculum:** No statutory requirements

**Second unit of work title:** The Transatlantic Slave Trade

**Aim:** For learners to develop knowledge and understanding on the triangular trade system. They will be able to describe what life was like and explain how slaves became free. Learners will develop their extended writing and comparison skills throughout this topic.

**Brief description of topic areas:**

Capture, life, work, freedom and the emerging civil rights movement

**Web link to National Curriculum:**

<https://www.gov.uk/national-curriculum/key-stage-3-and-4>





# HISTORY

## YEAR 9

**Both units of work title:** How did war shape the modern era?

**Aim:** For learners to develop knowledge and understanding on the warfare during WWI and WWII. Learners will be able to describe what life was like in the trenches and explain why men joined up to fight in 1914. Learners will develop their extended writing and comparison skills throughout this topic as they will also look at the rise of Hitler and warfare during 1939-1945.

**Brief description of topic areas:**

Enrolment in the war, life in the trenches, weapons of war, peace and Versailles, the rise of Hitler, weapons of WWII, life at home.

**Web link to National Curriculum:**

<https://www.gov.uk/national-curriculum/key-stage-3-and-4>



# GERMAN

## YEAR 7

**First unit of work title:****Preparation for Fit1 exam****Topic areas that will be covered during the unit:**

Family and Friends  
Sports and Activities  
School  
Vacation & Travelling  
House & Homework  
Food and Beverage

**Brief description of topic areas:**

Preparation of 4 competences:

Speaking  
Writing  
Reading  
Listening

**Web link to National Curriculum:****Second unit of work title:**

Same as above  
After mid of November the students starts with the school book  
Unit 1 Buying and shops

**Topic areas that will be covered during the unit:**

Groceries and shops  
Prepositions in Accusative, declination of adjectives  
Buying in the town

**Brief description of topic areas:**

Preparation of 4 competences:

Speaking  
Writing  
Reading  
Listening

**Web link to National Curriculum:**



# GERMAN

## YEAR 8

**First unit of work title:**

Deutschland , Land mit Superlativen

**Topic areas that will be covered during the unit:**

Famous Characters  
Famous personalities  
The nicest cities in Germany/German cars

**Brief description of topic areas:**

Verbs in perfect tense - past of verb to be -Adjectives  
Years – Cities& countries of Germany  
The connector “weil” – comparison between the different cars

**Web link to National Curriculum:****Second unit of work title:**

Alles Gute zum Geburtstag

**Topic areas that will be covered during the unit:**

When is your birthday?  
How do you celebrate your birthday?  
Invitation

**Brief description of topic areas:**

Birthday dates – to talk about invitations & presents and how to invite people – the verb ‘werden’, the verb “sollen” – the order form “imperative”, - connector “sondern”

**Web link to National Curriculum:**



# GERMAN

## YEAR 9

**First unit of work title:**

**Ich will Tennisspielerin werden**

**Topic areas that will be covered during the unit:**

Jobs – Adjectives – the Connectors (dass&weil) – the Genitive – Dream jobs – comparison between the jobs

**Brief description of topic areas:**

**Web link to National Curriculum:**

**Second unit of work title:**

Was wirst du denn machen?

**Topic areas that will be covered during the unit:**

future plans – different school types – Comparative and Superlative – Future tense

**Brief description of topic areas:**

**Web link to National Curriculum:**



# FRENCH

## YEAR 7

### First unit of work title: Module 1 (Mon autoportrait)

#### Topic areas that will be covered during the unit:

- Unit 1: - Talking about likes and dislikes
  - Using regular (-er verbs)
- Unit 2: - Talking about your survival kit
  - Using avoir
- Unit 3: - Describing yourself
  - Understanding adjective agreement (singular)
- Unit 4: - Talking about other people
  - Understanding adjective agreement (plural)
- Unit 5: - Describing a musician
  - Using the present tense

#### Brief description of topic areas:

Students are able to talk about what they like and they dislike, what they need on their kits, describing themselves and others, by using regular verbs “er”, verbe etre et verbe avoir

#### Web link to National Curriculum:

### Second unit of work title: Module 2 (Mon Collège)

#### Topic areas that will be covered during the unit:

- Unit 1: - Talking about school subjects
  - Asking questions
- Unit 2: - Giving opinions and reasons
  - Agreeing and disagreeing
- Unit 3: - Describing your timetable
  - Using the 12- hour clock
- Unit 4: Describing your school day
  - Using ‘on’ to say ‘we’
- Unit 5: - Talking about food
  - Using the partitive article

#### Brief description of topic areas:

Students are able to talk about school subjects, give opinions “positive or negative”, describe their timetables and talk about their school canteen by using verb aimer et detester, les articles partitifs and to know that ‘on’ means ‘we’

#### Web link to National Curriculum:



# FRENCH

## YEAR 8

### First unit of work title: Module 1 (T'es branche(e))

#### Topic areas that will be covered during the unit:

- Unit 1: - Talking about television programmes  
- Using the present tense of –er verbs
- Unit 2: - Talking about films  
- Using the present tense of avoir and etre .
- Unit 3: - Talking about reading  
- Using –ir and –re verbs
- Unit 4: - Talking about the internet  
Using aller and faire
- Unit 5: - Talking about what you did yesterday evening  
Using the present tense  
- Past, present and future tense

#### Brief description of topic areas:

Students will be able to talk about tv programmes, kind of films and books, what they do on internet and giving opinions & descriptions by using the three groups of verbs in the present and past tense.

#### Web link to National Curriculum:

### Second unit of work title: Module 2 (Paris, je t'adore)

#### Topic areas that will be covered during the unit:

- Unit 1: - saying what you did in paris  
- Using the perfect tense of regular verbs
- Unit 2: -saying when you did things  
- Using the perfect tense of irregular verbs
- Unit 3: - understanding information about a tourist attraction  
- Using c'était and je trouve ça
- Unit 4: - saying where you went and how  
Using the perfect tense with etre
- Unit 5: - interviewing a suspect  
Asking questions in the perfect tense  
- Past, present and future tense

#### Brief description of topic areas:

Students will be able recognize the names of the French monuments. Using the present and perfect tense to describe what they would like to do and where they would like to go. They will also be able to know the means of transports in French.

#### Web link to National Curriculum:



# FRENCH

## YEAR 9

### **First unit of work title: Module 1 (Ma vie sociale d'ado)**

#### **Topic areas that will be covered during the unit:**

- Unit 1: - Talking about Facebook
  - Using present tense verbs
- Unit 2: - Giving opinion about someone
  - Using direct object pronouns
- Unit 3: - Arranging to go out
  - Using the near future tense
- Unit 4: - Describing a date
  - Using the perfect tense
- Unit 5: - Describing a music tent
  - Using three tenses
    - Past, present and future tense

#### **Brief description of topic areas:**

Students will be able to talk about Facebook, giving opinions & descriptions by using the three tenses, future, past and present.

#### **Web link to National Curriculum:**

### **First unit of work title: Module 2 (Bien dans sa peau)**

#### **Topic areas that will be covered during the unit:**

- Unit 1: - Learning the parts of the body
  - Using à + the definite article
- Unit 2: - Talking about sport
  - Using *il faut*
- Unit 3: - Learning about healthy eating
  - Using the future tense
- Unit 4: - Making plans to get fit
  - Practicing the future tense
- Unit 5: - Describing levels of fitness
  - Using three tenses together
    - Past, present and future tense

#### **Brief description of topic areas:**

Students will be able to name the parts of the body, talking about sport and their plans to be fit and eat healthy by using the future tense

#### **Web link to National Curriculum:**