



Guide to the curriculum at Key Stage 4

2016-17

West Hill School

In KS4 pupils are monitored carefully to identify the most appropriate pathway of study for them to achieve as much as they possibly can. There are some limitations that are challenging to overcome e.g. not a full range of qualifications nationally available to suit all of our learners, only small groups of learners working at certain levels when class sizes need to be an average of 10. We hope the information provided in this booklet will help you to understand more fully the content of the courses on offer and the range of qualifications that your children are taking.

At West Hill we offer both formally recognised qualifications and certification. Qualifications are nationally recognised, and externally marked or moderated. Certification is not always nationally recognised. Most all education providers and employers will have heard of the level and it will give an indication of your child's achievements. There are points attached to qualification and not certification, although this has no bearing on your child's next step at this stage.

Core subjects

Qualifications

ASDAN Personal Progress	Available at West Hill			Level 1	Not available GCSE
	Entry Level 1	Entry Level 2	Entry Level 3		
Modules that accredit the core subject areas of English, mathematics and science alongside vocational and life skills based learning modules	Maths English (will be renamed as silver step) Science Functional ICT	Maths English(will be renamed as silver step) Science Functional ICT	Maths English(will be renamed as gold step) Science Functional ICT	Mathematics Award Functional Numeracy Functional English	

Certification

ASDAN Science short course

Foundation subjects

Qualification

ASDAN Personal Progress for pupils working below Entry Level

Certification

ASDAN Personal Development Programmes which are designed for learners working within Entry Level 1, 2 or 3

ASDAN Sex and Relationships Education (SRE) short course for pupils working at Entry Level

CORE SUBJECTS (QUALIFICATIONS)

MATHEMATICS

Entry Level mathematics (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-entry-level-certificate/mathematics.html>

- This qualification is available at 3 levels: Entry level 1 (lowest), 2 and 3 (highest)
- To achieve the award, pupils must pass a test (non-calculator) at the appropriate level and complete between 1 and 3 pieces of coursework at this level
- The coursework is assessed across 3 strands (understanding & completing the task; recording accurate results; and interpreting results). Pupils must achieve their target level in each strand to be successful
- The test and coursework are completed under normal classroom conditions. They are marked internally and moderated externally
- Pupils may take a test at any time during Key Stage 4. Coursework is completed during both Year 10 and Year 11. The qualification must be completed by April in Year 11.

Entry Level Syllabus

Topic	Examples
Number system	read, write and order numbers state the place value of a given digit count forwards and backwards
Calculating	addition and subtraction multiplication and division multiplication tables
Negative numbers	temperature
Sequences	identify odd and even numbers extend a pattern made with shapes or numbers
Fractions	use and understand halves and quarters
Money	calculate simple totals and change order amounts of money (includes £/p notation) solve simple problems involving money
Metric measures	identify metric units for length, mass and capacity, calculate the perimeter of a shape find area of squares and rectangles
Position and direction	identify right angles order angles by size
Shape	identify common 2-D and 3-D shapes recognise and draw lines of symmetry
Data handling	bar charts, pictograms two-way tables, Venn diagrams, Carroll diagrams sorting with 1 or more criteria
Time	tell the time using analogue and digital notation calculate simple elapsed time

Functional Numeracy (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-functional-skills/Maths.html>

- This is available at Entry Level 1, 2 & 3 and Level 1 (for pupils who achieve Entry Level 3 in Year 10)
- The qualification consists of applying previously acquired mathematical skills to real life contexts
- For Entry Level 1, 2 and 3 pupils sit a written test (calculators allowed), at the appropriate level, under normal classroom conditions. This is marked internally and moderated externally. Pupils have the opportunity to sit this test at any time during Year 11. This decision is taken by the pupil's maths teacher.
- For Level 1 pupils sit a formal exam that can be taken during approximately 6 exam windows during the year

- There is not a separate syllabus for this qualification. Functional skills are taught and practised as part of the normal mathematics curriculum

Level 1 Mathematics Awards (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-awards-in-mathematics/number-and-measure.html>

This is available for pupils who achieve Entry Level 3 Mathematics by the end of Year 10.

- There are 2 qualifications : Number and Measure and Statistical Methods
- Both are tested under formal examination conditions (Jan / May Y11)
- Pupils may qualify for access arrangements e.g. a reader. Testing for this takes place in school in Year 11

Syllabus for Number and Measure	
Topic	Examples
Place value	read, write and order numbers
Calculating	addition, and subtraction of whole numbers multiplication - mental recall, grid multiplication, division - mental, division of any number by a single digit calculate and interpret remainders
Negative numbers	add and subtract, multiply and divide temperature
Sequences	odd and even, extend and describe sequences
Decimals	order, identify value of any digit, addition and subtraction of decimal numbers multiplication of a decimal by a whole number division of a decimal by a whole number round to a given number of decimal places
Fractions	equivalent fractions, simplify fractions find a fraction of a quantity add fractions with the same or different denominators match fraction to equivalent decimal
Percentages	find a percentage of a quantity (with and without calculator) match percentage to a fraction or decimal solve a problem involving percentages
Money	calculate totals and change solve a real life problem involving money
Shape	identify 2-D and 3-D shapes by name and properties line symmetry and rotational symmetry
Position and direction	coordinates, vertical and horizontal lines, parallel and perpendicular lines angles, bearings, compass directions, right angles
Measure	metric units of measure for length, mass, capacity perimeter, area and volume
Time	tell the time using analogue and digital notation know relationship between units of time understand and use a calendar, timetable calculate elapsed time
Syllabus for Statistical Measures	
Topic	Examples
Types of data	primary or secondary categorical, discrete, or continuous
Collection of data	survey questions data collection sheet

	<p>frequency table grouped frequency table stem and leaf diagram</p>
Representation of data	<p>bar chart, dual bar chart line graph, time series graph pictogram pie chart scattergraph</p>
Interpretation of data	<p>correlation, line of best fit trend</p>
Statistical Measures	<p>mode, median, mean and range</p>
Probability	<p>probability words listing outcomes calculating probabilities identifying bias expected frequency reliability of results</p>

ENGLISH

Entry Level 'Step Up to English' (AQA)

<http://www.aqa.org.uk/subjects/english/elc/step-up-to-english-5970>

In 2016, AQA made a change to their Entry Level qualification and for the academic year from 2016-2017 and beyond, the programme is now called Entry Level 'Step Up to English'. Pupils are assessed in 2 components. Component 1, Literacy Topics, is functional in nature and will ask students to complete a number of reading, writing and speaking and listening tasks based around a theme. Component 2, Creative Reading and Writing, is literary in nature and pupils will be asked to respond to excerpts from literary and non-fiction texts and write creatively.

Throughout the two years, pupils will be assessed on these 2 components within their work on different fiction and non-fiction units including poetry, drama, speaking and listening and reading for pleasure, meeting all the requirements of the KS4 English curriculum.

Prior to the change, English was awarded at Entry Level 1, 2 and 3. It will now be awarded at Silver Step (equivalent to Entry Level 1 and Entry Level 2) or Gold Step (equivalent to Entry Level 3.) The final grade is calculated in relation to the total marks for all the tasks completed. Entry Level 'Step Up to English' does not have a final exam. The components are marked by the teacher and then forwarded to an external moderator who moderates the work and confirms the final grade. Due to this method of assessment there will be little work that can be completed at home.

Entry Level Functional Skills in English (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-functional-skills.html>

Entry Level Functional English is awarded at Entry Level 1, Entry Level 2 or Entry Level 3. Pupils complete individual units in reading, writing and speaking and listening.

Entry level functional English skills focus on:

- reading for specific information in real life situations
- writing for a particular purposes in real life situations
- speaking and listening, including responding to others, in a range of real life situations

Pupils complete each of units under controlled conditions. The units are marked by the teacher according to specific mark schemes provided by the exam board. The completed units are then externally moderated by the exam board before final grades are confirmed.

Level One Functional English (AQA)

<http://www.aqa.org.uk/subjects/english/functional-skills>

Level One Functional English is higher than Entry Level English. It is approximately half a GCSE at grades D-G. In Level One Functional English the set texts and the written tasks in the exam are more challenging. Pupils need to pass both exams to gain a final overall pass. To achieve Level One Functional English pupils need to take a one hour exam in functional reading and a one hour exam in functional writing under formal exam conditions. Level One Functional English is similar to Entry Level English in that it is related to reading for specific information and writing for particular purposes.

Reading

- Read and understand a range of straightforward texts
- Identify the main points and ideas and how they are presented
- Utilise information contained in texts

Writing

- Write a range of texts to communicate information
- Write clearly and coherently, including an appropriate level of detail
- Present information in a logical sequence
- Use language, format and structure suitable for purpose and audience

Speaking and Listening

- Take full part in formal and informal discussions
- Make relevant and extended exchanges
- Prepare for and contribute to the formal discussion of ideas and opinions
- Present information/points of view clearly and in appropriate language

SCIENCE

Entry Level science (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-entry-level-certificate/science.html>

In Entry Level science pupils complete 9 topic assessments over the course of Year 10 and Year 11. These are as follows:

Biology:

- Classification and variation
- Drugs and bacteria
- Changes in humans and plants

Chemistry:

- The Earth, its atmosphere and chemical reactions
- Fuels
- Acids and Metals

Physics:

- Waves and radiation
- Earth and Space
- Electricity

At the end of each module pupils complete an end of module assessment which are marked internally and then moderated externally. The appropriate level awarded is based on the cumulative marks achieved.

ICT

Entry Level Functional Skills in ICT (Edexcel)

<http://qualifications.pearson.com/en/qualifications/edexcel-functional-skills.html>

Entry Level Functional Skills in ICT is awarded at Entry Level 1, Entry Level 2 and Entry Level 3.

This qualification covers the following areas:

- Using ICT in everyday situations
- Interacting with and using ICT systems to meet given needs
- Finding and selecting information
- Developing, presenting and communicating information

Pupils complete set tasks under controlled conditions. The tasks are marked by the teacher according to specific mark schemes provided by the exam board. The completed tasks are then externally moderated by the exam board before final grades are awarded.

CORE SUBJECTS (CERTIFICATION)

SCIENCE

ASDAN Science short course

<http://www.asdan.org.uk/courses/programmes/science-short-course>

The ASDAN Science Short Course accredits activities that develop pupil's scientific knowledge and understanding. The programme is multi-level; the focus is on completing challenges and skills development at the level appropriate to your child. This course has been introduced for pupils who are working at Entry Level 1 but for whom the nature of the Science Entry Level programme does not meet their learning needs.

Over a two year programme pupils will cover the following topics

- Human Machine
- Forces and Motion
- Chemical Change
- Biological Challenges
- Space Physics
- Performance in Sport

Certification

This flexible programme means that pupils may achieve at different levels dependent on the number of challenges that have been completed over the two years

1 credit (approx. 10 hours)

3 credits (approx. 30 hours)

6 credits (approx. 60 hours)

A Short course certificate is then awarded to the pupil for the number of credits they have gained over the two years.

CORE AND FOUNDATION SUBJECTS (QUALIFICATION) - for those pupils working below Entry Level

Curriculum overview for ASDAN Personal Progress

<http://www.asdan.org.uk/courses/qualifications/personal-progress>

For those learners working below Entry Level 1, ASDAN Personal Progress provides an opportunity for formal accreditation in a range of skills including English, Mathematics and Science. The Entry 1 qualifications in Personal Progress are approved qualifications, eligible for use in Foundation Learning provision. The qualifications have been developed for learners working between P Levels 1-8 and Entry Level 1 to have their achievements recognised within a qualification framework.

Personal Progress is made up of units which can be broadly divided into the following areas: Literacy, Numeracy, ICT, Independent Living Skills, Personal Development, Community Participation and Preparation for Work.

What's involved?

Each unit has a credit value, which can be anything from 1-3 credits. (1 credit is equal to approximately 10 hours of learning). To achieve a qualification learners must gain credits by completing their chosen units and providing clear evidence that they have met the full requirements of the unit. Tutors are required to provide a Unit Transcript for each unit completed by the learner; this will detail the specific skills and/or knowledge that the learner has demonstrated. The tutor will also use an Achievement Continuum to record the learner's attainment and progress.

Accreditation

Units can be built up in any combination to reach the total credit value required for a qualification.

Learners who accrue **8 credits** will receive an **Award** qualification

Learners who accrue **14 credits** will receive a **Certificate** qualification

Learners who accrue **37 credits** will receive a **Diploma** qualification

Learners who accrue **fewer than 8 credits** will be awarded a **unit certificate**, provided they have met the full requirements of the unit(s).

Typically at West Hill learners following this programme over two years will receive a minimum of a Certificate.

Portfolio of evidence

Evidence for the units of work chosen for completion is collated in a central portfolio. There are 49 units to choose from and therefore the programme is personalised to meet the needs of the group of learners.

Alongside this work from the pupils there are Unit Transcripts written by the tutor and confirming what has been achieved and an Assessment Checklist. This work is collected throughout the school year. Evidence can be any appropriate format - annotated photographs, worksheets, witness testimonies etc.

FOUNDATION SUBJECTS (CERTIFICATION)

Curriculum overview for ASDAN Personal Development Programmes (Bronze, Silver, Gold)

<http://www.asdan.org.uk/courses/programmes/personal-development-programmes>

The ASDAN Personal Development Programmes (PDP) offer imaginative ways of developing, recording and certificating a wide range of young people's personal qualities, abilities and achievements, as well as introducing them to new activities and challenges.

These programmes are aimed at learners working at pre GCSE and within Entry Level and Level 1. They are popular in both mainstream schools and alternative provision. These programmes are often used in tutorial/PSHE programmes, or within an option or elective system. At West Hill we are using them to provide a recognised structure and certification process for subjects that fall outside the core areas of learning which will be marked with a qualification (English, mathematics and science). Whilst the Personal Development Programmes are not qualifications they are a recognised awarding body and pupil's achievement would be recognised by the setting that your child transfers to.

What's involved?

Pupils complete challenges from the Personal Development Programmes book to gain the required number of credits for the chosen programme, with one credit equal to approximately 10 hours of learning.

Pupils are required to plan and review their work at key points and compile a portfolio of evidence (with support as required), which documents the challenges they have completed and the skills they have developed.

Certification

These flexible programmes mean that pupils may achieve at different levels dependent on the number of challenges that have been completed.

- Bronze: 6 credits (approx. 60 hours)
- Silver: 12 credits (approx. 120 hours)
- Gold: 18 credits (approx. 180 hours)

Portfolio of evidence

Pupils are required to compile a portfolio to show evidence of the challenges they have completed and the skills they have developed. Evidence can be any appropriate format, for example: worksheets, photos, video or sound recordings, witness statements or notes.

Skills Sheets

Pupils are required to plan and review some of their challenges using Skills Sheets. These recording documents encourage learners to reflect on their skills development.

Pupils will develop their skills in six areas:

- Teamwork
- Learning
- Coping with problems
- Use of Maths
- Use of English
- Use of ICT

RELATIONSHIPS AND SEX EDUCATION

Curriculum overview of ASDAN SRE short course Certification

<http://www.asdan.org.uk/courses/programmes/sex-and-relationships-short-course>

The ASDAN Sex and Relationships Education Short Course accredits activities aimed at increasing young people's awareness of, and confidence to deal with, issues surrounding relationships, personal skills and sexual health.

Over a two year programme pupils will cover the following topics

- Body knowledge
- Relationships
- Sexual Activity and Behaviour
- Personal Skills
- Culture and Society
- Contraception and Sexual Health

Certification

This flexible programme mean that pupils may achieve at different levels dependent on the number of challenges that have been completed over the two years

1 credit (approx. 10 hours)

3 credits (approx. 30 hours)

6 credits (approx. 60 hours)

A Short course certificate is then awarded to the pupil for the number of credits they have gained over the two years.