

# Computing

KS3  
Exams

## Overview of topics being assessed

- E-Safety
- Algorithms
- Computer Systems
- Python Programming
- Graphic Design

## Useful revision resources

- Code.org
- Scratch.com
- <https://www.bbc.co.uk/bitesize/guides/z9p9kqt/revision/1>.
- <https://www.bbc.co.uk/bitesize/articles/z9myvcw>
- <https://www.bbc.co.uk/bitesize/guides/zxb72hv/revision/1>
- <https://www.bbc.co.uk/bitesize/guides/zts8d2p/revision/1>
- <https://www.bbc.co.uk/bitesize/guides/z2p9kqt/revision/4>
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## YEAR 8 EXAMS SUBJECT OVERVIEW

# English

KS3  
Exams

### Overview of topics being assessed

- Key vocabulary and subject terminology in 'It's Grim Up North' unit of work
- Key vocabulary and subject terminology in 'Political Protest' unit of work
- Key themes in A Midsummer Night's Dream
- Key characters in A Midsummer Night's Dream
- 16<sup>th</sup> century context: roles for men and women (patriarchal society), beliefs in the supernatural / fate and destiny
- Students' ability to identify and analyse literary devices and structural devices

### Useful revision resources

- **Blood Brothers, Animal Farm and A Midsummer Night's Dream Knowledge Organiser**
- **Teacher revision homework set on Class Charts.**
- **BBC bitesize – A Midsummer Night's Dream**

<https://www.bbc.co.uk/bitesize/topics/zxgcwmn>

# Geography

KS3  
Exams

### Overview of topics being assessed

- Key vocab from Development Y8, Asia Y8 and Natural Resources Y7.
- Geographical skills – 4 & 6 figure grid references, measuring distance, OS map symbols, showing height on a map, CLOCC.
- Development Y8
- Asia Y8
- Natural Resources Y7.

### Useful revision resources

- BBC Bitesize - <https://www.bbc.co.uk/bitesize/subjects/zrw76sg>
- Revision materials handed out in lesson.
- Exercise book

# History

KS3  
Exams

### Overview of topics being assessed

- Key vocabulary from Ancient Rome, Medieval and Tudor eras.
- Key features of life during Ancient Rome.
- Key events of 1066 and life under William I
- Tudor England and Elizabethan England
- Chronological understanding of the topics studied.

### Useful revision resources

- KS3 History - BBC Bitesize
- Revision materials will be provided
- Exercise books
- Knowledge organisers

# Mathematics

KS3  
Exams

### Overview of topics being assessed

- Fractions, decimals and percentages
- Ratio and Proportion
- Directed numbers
- Sequences
- Simplifying Algebraic expressions and substituting into formulae
- Solving equations and inequalities
- Drawing graphs
- Properties of lines, angles and shapes
- The probability scale and calculating probabilities
- Types of graphs
- The four averages

### Useful revision resources

- Sparxmaths
- <https://vle.mathswatch.co.uk/vle/>
- <https://corbettmaths.com/>
- <https://www.bbc.co.uk/bitesize/subjects/zqhs34j>

# YEAR 8 EXAMS SUBJECT OVERVIEW

# RE

## KS3 Exams

### Overview of topics being assessed

#### YEAR 7 TOPICS

- What is so radical about Jesus?: Background to Christianity – key Jewish beliefs about God. Palestine at the time of Jesus. The Western Wall. Conflict with the religious authorities.
- What difference does it make to believe in Islam?: The 5 Pillars (Shahadah, Salah, Zakat, Saum and Hajj), the importance of Muhammad. The Night of Power.
- What difference does it make to believe in Sikhi?: The Mul Mantar, the 13 Sikh teachings, Guru Nanak, the Khalsa and the Gurdwara.

#### YEAR 8 TOPICS

- Does living Biblically mean obeying the whole Bible?: The Bible – what it contains and how it is used. Situation ethics. Inspirational people – Martin Luther King and Mother Teresa.
- How can people express the spiritual through art and music?: What is spirituality? Religious and non-religious art. Religious music – Amazing Grace.

### Useful revision resources

- Revision resources to be provided in lesson.

# Science

## KS3 Exams

### Overview of topics being assessed

#### Classification and cycles in nature:

- Classification
- Biodiversity
- Measuring plant populations
- Unicellular organisms: bacteria, fungi and protists
- Decomposers and the carbon cycle

#### Sound:

- Sounds as vibrations
- Detecting sounds (ear structure)
- Uses of sound waves
- Comparing light and sound waves

#### Natural Resources:

- Characteristics and formation of igneous, metamorphic and sedimentary rocks
- Uses of rocks
- The rock cycle
- Using natural resources
- Recycling and sustainability

The exam will also assess students' knowledge of the scientific process and of material covered in previous units during Years 7 and 8.

### Useful revision resources

- Unit summary booklets and knowledge organisers will be made available for all students via their revision homework on ClassCharts
- Key Stage 3 knowledge organisers, knowledge retrievers and flash card sets are available to purchase via ParentPay
- Useful link: BBC KS3 bitesize ([KS3 Science - BBC Bitesize](#))

# Spanish

KS3  
Exams

### Overview of topics being assessed

- School Uniform
- School Subjects
- Describe School
- Past Holidays
- Countries
- Transport
- Keys

### Useful revision resources

- Students will be given a revision sheet by their class teacher with vocabulary they need to revise.
- [www.linguascope.co.uk](http://www.linguascope.co.uk) (username – alderchs, password – achs123)

# Technology

KS3  
Exams

## Overview of topics being assessed

- **Food – Health and safety. Food provenance. Methods of farming. Factors affecting food choices.**
- **Textiles – Health and safety. Print making. Repeat patterns. Machine embroidery. Tie Dye.**
- **Resistant Materials – Health and safety. Biomimicry.**

## Useful revision resources

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