

**Year 9**

**Revision Advice by Subject**



**Pupil Name .....**

**Tutor Group .....**

**HOPE ° WISDOM ° FRIENDSHIP ° FORGIVENESS ° COMPASSION**

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This guide will give you advice about your examinations, with revision ideas and suggestions.

### Revision Help, Resources and Revision Guides

<http://www.stgeorges-school.org.uk/489/revision-help-and-resources>

## Biology

### **Exam Board:**

Pearson Edexcel - GCSE

### **Exam:**

Two papers both 1 hour 45 mins (Higher or Foundation Tier)

**Course Information** – [Click Here](#)

### **Exam Information:**

#### Paper 1: topics 1-5

- Key concepts in biology
- Cells and control
- Genetics
- Natural selection and genetic modification
- Health, disease and the development of medicines

#### Paper 2: topic 1 + topics 6-9

- Key concepts in biology
- Plant structures and their functions
- Animal coordination, control and homeostasis
- Exchange and transport in animals
- Ecosystems and material cycles

### **Revision:**

- School Website = Revision Section – [Click Here](#)
- BBC Bitesize: useful revision pages with exercises, quizzes and more.
- Biology Bitesize URL - [Click Here](#)
- School website revision pages – follow links for Biology. Also through school SharePoint.
- Active learn tasks – **login and password are all lowercase**. Login and password detail are available from class teacher

# Chemistry

**Exam Board:**

Pearson Edexcel – GCSE

**Exam:**

Two papers both 1 hour 45 mins (Higher or Foundation Tier)

**Course Information** – [Click Here](#)

**Exam Information:****Paper 1: topics 1-5**

- Key concepts in chemistry
- States of matter and mixtures
- Chemical changes
- Extracting metals and equilibria
- Separate chemistry 1

**Paper 2: topic 1 + topics 6-9**

- Key concepts in chemistry
- Groups in the periodic table
- Rates of reaction and energy changes
- Fuels and Earth science
- Separate chemistry 2

**Revision:**

- School Website = Revision Section – [Click Here](#)
- BBC Bitesize: useful revision pages with exercises, quizzes and more
- See the website and SharePoint area for resources
- Chemistry BBC Bitesize – [Click Here](#)
- Revision guide and workbook available from finance
- Tasks on Active learn set by your teacher, Log-in and password details are available from class teacher

# Physics

## Exam Board:

Pearson Edexcel - GCSE

## Exam:

Two papers both 1 hour 45 mins (Higher or Foundation Tier)

Course information – [Click Here](#)

## Exam Information:

### Paper 1: topics 1-7

- Key concepts of physics
- Motion and forces
- Conservation of energy
- Waves
- Light and the electromagnetic spectrum
- Radioactivity
- Astronomy

### Paper 2: topic 1 + topics 8-15

- Key concepts of physics
- Energy - Forces doing work
- Forces and their effects
- Electricity and circuits
- Magnetism and the motor effect
- Electromagnetic induction
- Particle model
- Forces and Matter

## Revision:

- School Website = Revision Section – [Click Here](#)
- BBC Bitesize: useful revision pages with exercises, quizzes and more - [Click Here](#)
- [Click Here](#) - this website provides summary sheets for all the topics as well as giving exam practice with answers.
- YouTube : PRIMROSE KITTEN Search EDEXCEL PHYSICS 9-1
- School website revision pages and SharePoint
- [www.pearsonactivelearn.com](http://www.pearsonactivelearn.com). This website provides topics quizzes. Log in and password are available from class teacher