

*Subject:* Sciences

*Level:* GCSE

*Exam board:* Edexcel

*ATL:* Mr Braitch  
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## *Key changes:*

<i>Routes:</i>	Combined science Separate sciences
<i>Exam season:</i>	May – June 2019
<i>Grading:</i>	9 - 1
<i>Tiers:</i>	Foundation and Higher
<i>Coursework:</i>	Component removed and practical work questioned within the exam.

<b><u>Combined science:</u></b>	5, 5
<b>Qualifications:</b> 2 linked GCSEs	5, 6
<b>Taught hours:</b> 10 + 1	6, 6
<b>Homework:</b>	Extended questions and active learn questions
<b>Teachers:</b>	Biology/Chemistry/Physics
<b>Examinations:</b>	6 x 1hr 10 mins 2 for each science
<b>Internal tests:</b>	4 – 6 weeks

**Separate sciences:**

5

***Qualifications:*** 3 separate GCSEs

6

***Taught hours:*** 15 + 1

6

***Homework:*** Extended questions and active learn questions

***Teachers:*** Biology/Chemistry/Physics

***Examinations:*** 6 x 1hr 45mins

2 for each science

***Internal tests:*** 4 – 6 weeks

## Examination structure:

*AO 1:* 40% **Demonstrate** knowledge and understanding

*AO 2:* 40% **Apply** knowledge and understanding

*AO 3:* 20% **Analyse** information and ideas

- ***Maths***
- ***Formulae***
- ***QWC***

# *Out of lesson support:*

*At home:*

Homework

Reading around the subject

Active Learn

*Revision:*

Exercise books

Guides

*Exam board:*

www.edexcel.co.uk

*Internet:*

<http://www.bbc.co.uk/education>

Google

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## The atom



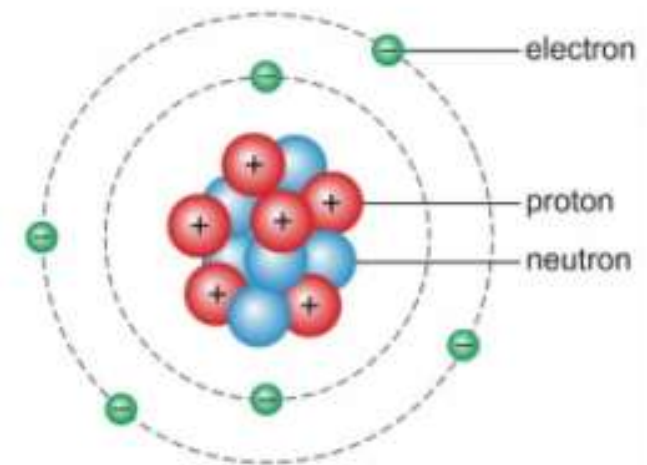
### Atomic structure

Fill in the gaps using the drop-down menus.



An atom is made up of protons and  in a nucleus, with  arranged in shells, or , which orbit around the nucleus. Each subatomic particle has a relative mass and a relative charge. Protons have a relative mass of  and a relative charge of . Neutrons have a relative mass of  and a relative charge of . Electrons have a relative mass of  and a relative charge of .

Enlarge



Reset activity

Check answers

Attempts ○○○



Activity 1 of 3

Results





**Progression:**

Biology A-Level

Chemistry A-Level

Physics A-Level

Level 3 BTEC

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