



Inspiring excellence
Fulfilling potential

OCR Double Science

at

Hinchingbrooke School

Science Sets

11 DB2 11 DB3 11 DBB 11 DBE

Additional notes

The Year 11 mocks have been completed. The dates of the final examinations have been released and it is vital that all of us work together in supporting you son/daughter in their preparation for the exams.

When your son/daughter receives their entries for their exams there will be a list of codes that they have been entered for. As you son/daughter is following the OCR Double course there will be 4 entries for each of the two GCSEs. Of these 4 codes 1 is the course code and the other the coursework. There is no examination required for these in the summer season. There are only two examinations per subject.

The codes are as follows:

OCR Science (J261)

Code	Explanation	Date of exam
B711/01 or B711/02	Unit 1 Foundation or	Monday 19 th May (am)
B712/02 or B712/02	Unit 2 Foundation or	Friday 6 th June (pm)
B713	Controlled assessment	No exam

B711 (75 marks, 75 minutes) – 35% of final grade

B712 (85 marks, 90 minutes) – 40% of final grade

OCR Additional Science (J262)

Code	Explanation	Date of exam
B721/01 or B721/02	Unit 1 Foundation or	Tuesday 10 th June (pm)
B722/02 or B722/02	Unit 2 Foundation or	Thursday 12 th June (am)
B723	Controlled assessment	No exam

B721 (75 marks, 75 minutes) – 35% of final grade

B722 (85 marks, 90 minutes) – 40% of final grade

Each paper contains questions on Biology, Chemistry and Physics. These are equally weighted at 25 marks of each subject on each paper. The B712 and B722 papers also contain a 10 mark data response question.

For each GCSE, students also have to complete a controlled assessment which is worth 25% of the overall grade (the in school coursework equivalent).

The following modules are covered on each exam paper:

OCR Science (J261)

B711

B1: Understanding Organisms

C1: Carbon Chemistry

P1: Energy For The Home

B712

B2: Understanding Our Environment

C2: Chemical Resources

P2: Living For The Future

OCR Additional Science (J262)

B721

B3: Living And Growing
C3: Chemical Economics
P3: Forces For Transport

B722

B4: It's A Green World
C4: The Periodic Table
P4: Radiation For Life

In preparation for the examinations it is vital that the students take all opportunities to revise the content of the examinations and practice applying their knowledge to past papers. Listed below are the website addresses to the specifications, past papers and useful revision sites.

GCSE science specifications:

Science

<http://www.ocr.org.uk/Images/82546-specification.pdf>

Additional Science

<http://www.ocr.org.uk/Images/82544-specification.pdf>

Past papers:

Science

<http://www.ocr.org.uk/qualifications/gcse-gateway-science-suite-science-b-j261-from-2012/>

Additional Science

<http://www.ocr.org.uk/qualifications/gcse-gateway-science-suite-additional-science-b-j262-from-2012/>

Understanding the command words

This useful document provided by AQA (and is equally suitable for the OCR course) explains the words used in the actual questions and what the examiners are expecting in students answers

<http://filestore.aqa.org.uk/subjects/AQA-GCSE-SCIENCE-COMMAND-WORDS.PDF>

Maximising marks when answering extended questions

One area of the examinations all students can benefit from practicing is the 6 mark long answer questions. Below is a link to a guide on how to answer them (6 mark questions follow OFQUAL guidelines for all Science exams):

<http://filestore.aqa.org.uk/subjects/AQA-GCSE-SCIENCE-QWC.PDF>

Other useful revision sites:

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

- On this website, please find the examination in orange and then select the blue OCR Gateway Science Topics

<http://www.s-cool.co.uk>

- On this website, select the GCSE tab and then follow the Biology, chemistry and physics. This site is not specific to AQA but does provide good questions for studying the topics.

In the run up to the examinations the Science department will be running, check-in sessions. These sessions are open to all and are times in which the Science Department are available to discuss work, revise content already met or reaffirm knowledge. The sessions are available afterschool and at lunchtime to make it accessible to all.

In the table below are the sessions already available in department.

Day	Session	Year group/Topic	Teacher	Classroom
Monday	Lunchtime 1:15pm- 2:00pm	GCSE Physics	WZH	96
Monday	Afterschool 3:30-4:30pm	GCSE Chemistry	RSA	88
Tuesday	Lunchtime 1:15pm- 2:00pm	GCSE Physics Unit 1	STK	96
Tuesday	Lunchtime 1:15pm- 2:00pm	GCSE Physics	WZH	96
Wednesday	Lunchtime 1:15pm- 2:00pm	GCSE Biology	RJM	96
Wednesday	Lunchtime 1:15pm- 2:00pm	GCSE Biology	MSB	95
Wednesday	Afterschool 3:30-4:30pm	GCSE Chemistry	RSA	88
Thursday	Lunchtime 1:15pm- 2:00pm	GCSE Biology	RCW	96
Thursday	Lunchtime 1:15pm- 2:00pm	GCSE Physics	WZH	95
Thursday	Afterschool 3:30-4:30pm	GCSE Chemistry	SER	96

If you have any questions on anything that was discussed during the evening, please do not hesitate to contact either Rhi Alford RSA@hinchbk.cambs.sch.uk , Matthew Pinder MIP@hinchbk.cambs.sch.uk or Sam Waring SMW@hinchbk.cambs.sch.uk.