

Course information for Parents

Year/Keystage: Subject:

Faculty Area	Science	Director of Faculty contact information	Ms C Haupt chaupt@thehazeleyacademy.com
Examination Board	N/A	Specification Code	N/A

Subject Content: The following topics will be taught across 2 years.

Biology	7A Cells, tissues, organs and systems	8A Food and digestion	9A Genetics and evolution
	7B Sexual reproduction in animals	8B Plants and their reproduction	9B Growing our food
	7C Muscles and bones	8C Breathing and respiration	9C Revising Key Stage 3 Biology
	7D Ecosystems	8D Unicellular organisms	9D Preparing for GCSE Biology
Chemistry	7E Mixtures and separation	8E Combustion	9E Making materials
	7F Acids and alkalis	8F The periodic table	9F Reactivity
	7G The particle model	8G Metals and their uses	9G Revising Key Stage 3 Chemistry
	7H Atoms, elements and compounds	8H Rocks	9H Preparing for GCSE Chemistry
Physics	7I Energy	8I Fluids	9I Forces and motion
	7J Current electricity	8J Light	9J Electricity and magnetism
	7K Forces	8K Energy transfers	9K Revising Key Stage 3 Physics
	7L Sound	8L Earth and space	9L Preparing for GCSE Physics

Additional Equipment Needed

- Calculator for every Science lesson
- Protractor for measuring angles

Assessment Details:

To be successful students will need to be able to:

- Make their own notes on work in lessons.
- Develop revision techniques using their classroom notes, revision guides and BBC Bitesize.
- Complete the online diagnostic homework from "Educake".
- Complete an end of topic assessment at the completion of each topic and one overview assessment each term.

What can I do to support my child at home?

- Ensure diagnostic homework on "Educake" online is completed.
- Purchase a relevant revision guide for your child to use.
- Ask your child to explain what they have learnt today, discuss the meaning of any key words from Science they are unsure of.
- Choose an article from the BBC about Science and discuss it with your child
- Use revision websites to make revision notes e.g.

<http://www.bbc.co.uk/education/subjects/zng4d2p>

Recommended resources for the course:

Websites: BBC Bitesize <http://www.bbc.co.uk/education/subjects/zng4d2p>

Books: Recommended text books can be found on the web link below and are specific to the new KS3 science courses:

Home Study & Independent Learning Parental Support Information



[Exploring Science: Working Scientifically Student Book Year 7](#)

£15.25

ISBN 9781447959601



[Exploring Science: Working Scientifically Student Book Year 8](#)

£15.25

ISBN 9781447959618



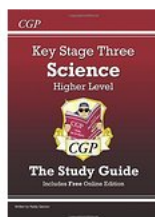
[Exploring Science: Working Scientifically Student Book Year 9](#)

£15.25

ISBN 9781447959625

Website: http://www.pearsonschoolsandfecolleges.co.uk/Secondary/Science/11-14/ExploringScienceWorkingScientifically/buy/buy.aspx#TryBuy1_175773

The following are a sample of the types of revision guide that are available for KS3, although there are several other publishers who offer similar products and we do not recommend a specific publisher for these:



KS3 Science Study Guide (with online edition) - Higher: Revision Guide - Levels 5-7 (Revision Guides) 29 Apr 2014 by Paddy Gannon

Paperback

£4.70 ✓Prime

Get it by **Friday, Jul 8**

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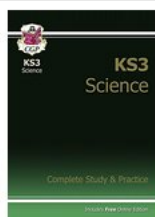
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Kindle Edition

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KS3 Science: Complete Study & Practice 11 Jun 2014 by CGP Books

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KS3 Science: All-in-One Revision and Practice (Collins KS3 Revision and Practice - New Curriculum) 24 Jun 2014 by Collins KS3

Paperback

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£5.17 used & new (30 offers)

★★★★★ ▾ 16

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Apps:
Anything else?

Home Study & Independent Learning Parental Support Information

Teaching Staff Contact Details			
Name	Role	Email	Tel
Matthew Rowlingson	KS3 Learning Leader	mrowlingson@thehazeleyacademy.com	
Additional Information:			