

Science Year 10

12/10/09 (Mon)

Different groups are
taking different courses.

Different Courses

- 2 groups 10 G4 and 10 M3 are taking a diploma BTEC science.
- These groups do not have exams but have continual coursework assessment. This course is worth 4 GCSEs.
- Most groups are taking GCSE Core Science
- 1 group (10 G1) will have 2 multiple choice exams in Nov 09.
- The rest will have their multiple choice exams in March 10.

The November Exams 10 G1

- 1a Biology
- Human Biology
- 1a Physics
- Energy and Electricity
- Each exam will be 30 minutes long.

The March Exams 10 G2 G3 M1 M2 M4

- 1a Biology
- Human Biology
- 1a Chemistry
- Products from rocks
- 1a Physics
- Energy and Electricity
- Each exam is 30 minutes long.

Quick Quiz – Core Science 1a

1. Name the 4 components of the nervous system?
2. What does the body use glucose for?
3. Write a short definition for the word 'drug'.
4. List two advantages of using limestone to produce building materials.
5. List 3 uses of polymers.

Quick Quiz – Core Science 1a

6. What do we mean by mixture?
7. Give one advantage or disadvantage of using fossil fuels that is concerned with money.
8. What unit is power measured in?
9. Explain how a power station using non-renewable energy sources generates electricity.

Using the revision workbook and guide – Core Science 1a

- Answer the question from the workbook.
- Find the Revision Guide page reference.
- Check your answer!
- Pupils would alter/copy in correct answer.



Quick Quiz – Core Science 1a

1. Name the 4 components of the nervous system? p14
2. What does the body use glucose for? p17
3. Write a short definition for the word 'drug'. p23
4. List two advantages of using limestone to produce building materials. p56
5. List 3 uses of polymers. p67

Quick Quiz – Core Science 1a

6. What do we mean by mixture? p62
7. Give one advantage or disadvantage of using fossil fuels that is concerned with money. p64
8. What unit is power measured in? p86
9. Explain how a power station using non-renewable energy sources generates electricity. p91

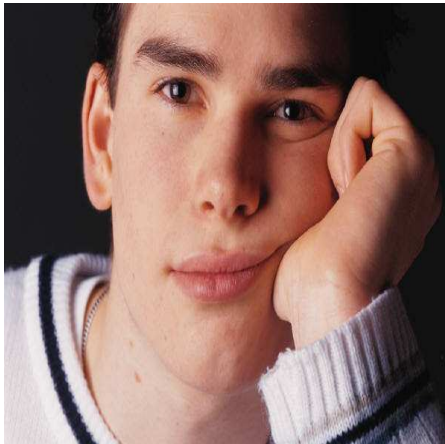
ISA

- Students will also take a coursework exam.
- This has two sections
 - preparing a results table, carrying out a practical and plotting a line graph. This part takes 2 lessons.
 - Completing a written exam about their experiment and analysis of another similar experiment. This part takes 45 mins.

Why doesn't revision work?



- Boredom
- Short term memory vs. long term memory
- Isolated facts vs. comprehension
- Depression/disillusionment/demotivation



Why does revision work?

- Active
- Repetition
- Contextual
- Purposeful



How Can Parents Help?

- Encourage use of workbook and revision guide.
- Quiz your child with questions from the book.
- Have your child try out past papers, try to stick to the exam times.
- Mark the paper and review wrong answers.
- Make use of 'Ideas for the Interactive use of Revision Guides'

Useful websites

- <http://www.aqa.org.uk/>
- From this address you can find our syllabus AQA science A 4461
- Here you can find the syllabus.
- Past papers and their mark schemes.
- <http://www.bbc.co.uk/schools/gcsebitesize/>
- Here you can find revision notes and practice tests.

Make your learning stick

- Learn a topic.
- Repeat within 24 hours.
- Repeat again for 10 minutes at the end of the week.
- Repeat again for 10 minutes two weeks later.
- Repeat again for 10 minutes one month later.
- Be successful.