



Supporting Your Daughter's Revision Programme

Effective strategies to use at home

*'Re-looking' at information you have
previously learnt*



<http://www.youtube.com/watch?v=a2xERddKJvM>



Introductions



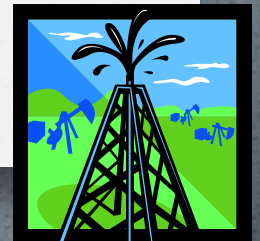
- o Miss Alice Whalley Year 7 Achievement Coordinator and Teacher of PE
- o Mrs Kay Nicholson – Sixth Form Achievement Coordinator and Teacher of PE
- o Mrs Sophie Davies– Teacher of PE
- o Mrs Zoe Hughes – Assistant Headteacher /Head of PE



A blast from the past! (AW)



- o Task 1
- o Look at the Crude Oil resource
- o You have 5 minutes to revise all you can about Crude Oil!!!! In your group develop a method of revising that suits you
- o At the end of the 5 minutes you will then complete a short test? Lets see if your revision technique is effective? Prizes for the top marks!



EXAM!!!

1. What is crude oil a mixture of? 1 mark
2. Why do petrol fractions have a higher boiling point?
1 mark
3. How many bonds do carbon atoms form? 1mark
4. How is crude oil split into separate groups of Hydrocarbons? 4 marks
5. How are short-chain hydrocarbons different from long-chain hydrocarbons? 3 marks
6. Crude oil is mostly made up of what? 1 mark
7. What is the formula for Alkanes? 1 mark
8. What does a mixture consist of? 1 mark

Answers

1. What is crude oil a mixture of?

o Hydrocarbons 1 mark

2. Why do petrol fractions have a higher boiling point?

o They have longer molecules 1 mark

3. How many bonds do carbon atoms form?

o Four bonds 1 mark

4. How is crude oil split into separate groups of Hydrocarbons?

o The fractionating column works continuously to heat the crude oil, the vaporised oil rises and the various fractions are tapped off at different levels and condensed 4 mark

5. How are short-chain hydrocarbons different from long-chain hydrocarbons?

o **Less viscous, more volatile and easier to ignite. 3 marks**

6. Crude oil is mostly made up of what?

o **Alkanes 1 mark**

7. What is the formula for Alkanes?

o **Alkanes = C_nH_{2n+2} 1 mark**

8. What does a mixture consist of?

o **Two (or more) elements or compounds that aren't chemically bonded to each other 1 mark**

Marks out of 13



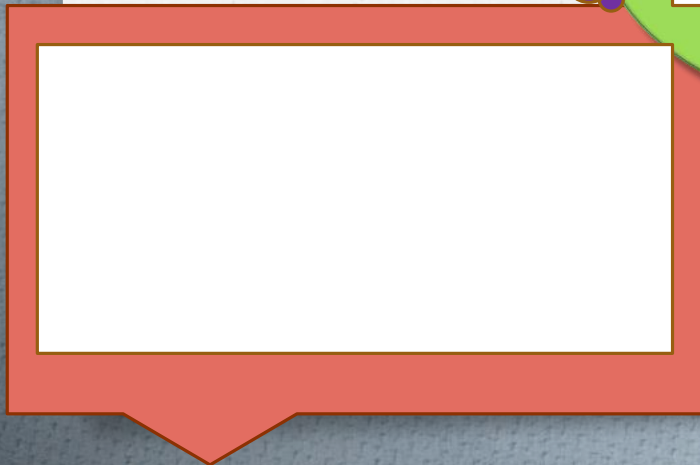
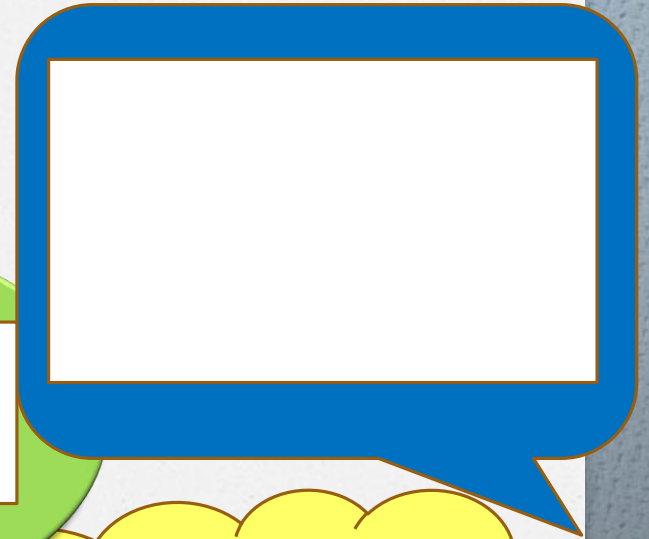
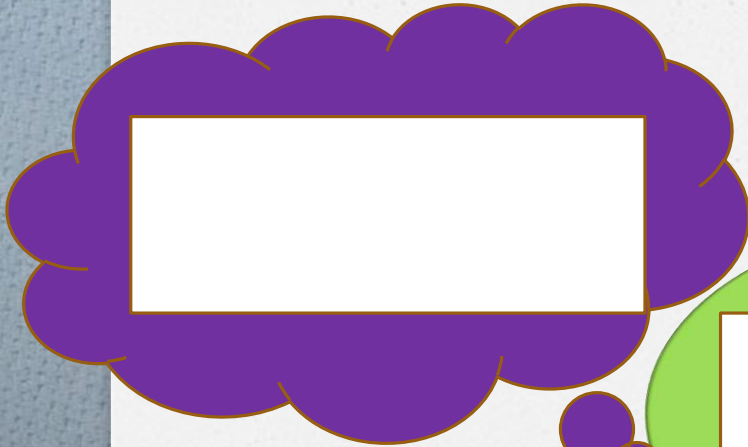
Frustrations and worries (KGN)



- o On a post – it note
- o Write down your personal worries and any concerns you may have when it comes to revision and supporting your daughter
- o Share these with a partner
- o Select your biggest frustration/ concern and add to the speech bubble, on your table



Frustrations and worries





Frustrations and worries



I did not even do GCSE's how can I help her?

I don't understand all their controlled assessments, levels and module exams!

She always leaves everything to the last minute

There are a million websites to help, but how do you know which are any good??

She has always got an excuse, I don't know what to believe



How can I make a difference? (KGN)



- o You do not have to be an expert in any of the subjects!
- o You just need to know how best to spend the time you have, at each stage of the process
- o **STUDENTS ARE EXPECTED TO BE.....**Self – motivated / taking responsibility for their own learning/ ask if they do not understand (confidence) / persistent/ organise themselves / complete more work at home independently /prep for controlled assessments /



Expectations of your daughter during the exam period include (AW):



- o Being more self-motivated
- o Asking when they don't understand
- o Overcoming frustrations, when material is more challenging
- o Organising themselves – notes, hand-outs etc.
- o Completing work independently (without being asked to!)
- o Revision
- o Perfecting their exam technique



What can you do?



- o Attendance officer!
- o Study buddy.
- o Sounding board / advisor.
- o Project manager – agreeing expectations, how much work should they be doing, when is the best time?
- o Help your daughter organise a work area ensuring they have all the materials they may need.
- o Talk about whether music or TV helps (music ok, TV a distraction?).
- o Regular check – ins, where you are allowed to ask how their revision is progressing.



What can you do?



- o Maintaining Motivation – agree a balance between work and social life!
- o Rewards, NOT BRIBERY!
- o Keep things in perspective, your daughter may not be doing work as you would like but it may suit them!



When the going gets tough



- o Encourage your daughter to be positive
- o Don't raise to the bait! Pick battles carefully is an untidy bedroom worth an argument?
- o Keep routines the same, don't introduce instability unless absolutely necessary
- o After exams ask them how it went but don't insist on a long post mortem, they will tell you when they are ready

The most important role is to let them know you will be proud of them no matter what!



The Learning Process (ZH)



Introducing the **T.I.M.S** model

Whilst in lessons, it is the teacher's responsibility to **T**ransfer **I**nformation and provide pupils with opportunities to **M**ake **S**ense of the information.

It is only when pupils can do something with the information that real learning has occurred, until then they simply know things.



The Learning Process

cont..



Introducing the **R.I.M.S** model...

Recalling **I**nformation is crucial

but

Making **S**ense of the information is the
primary goal of revision



REAL LEARNING INDICATORS ✓



When your daughter has made the transition from knowing to understanding, they should be able to:

- Explain the new info in their own words
- Give different examples that link to the new info
 - Apply the new info to a different context
- Offer supporting evidence that helps to justify the info
- Compare and contrast the info with other knowledge
 - Create a metaphor that reflects the new info
- Recognise when something about the info is incorrect or doesn't make sense



SURFACE LEARNING REVISION IDEAS



SURFACE LEARNING:

RECALL AND REPRODUCE

Copy out notes again and again – word for word

Make lists of key words; learn them like a script

Read class notes/texts books/revision guides
over & over again

Read some information, cover the information
and see what can be recalled



DEEP LEARNING REVISION IDEAS



DEEP LEARNING:

MAKE SENSE AND DO SOMETHING WITH IT!

REDUCE IT

COMPARE IT

CHANGE IT

CONTRAST IT

ARRANGE IT

DE-CONSTRUCT IT

APPLY IT

GIVE EXAMPLES OF IT

CONNECT IT

PRIORITISE ASPECTS OF IT

CLASSIFY IT

RE-ARRANGE IT

ENLARGE IT

SIMPLIFY IT

ASK Qs ABOUT IT

ANSWER Qs ON IT



DEEP LEARNING REVISION KEYS





Past Papers and Mark Schemes (SD)



- o We use AQA, EDEXCEL, OCR & WJEC examination boards
- o All have websites with past exam papers and mark schemes www.google.co.uk
- o Use child's text book, revision books and even ask your child to find out exam boards!
- o Your child **WILL** be familiar with past papers
- o You will have the answers!
- o Be honest...you can give them the correct answer but if they need it explaining, they can see their teacher!



Past Papers and Mark Schemes (SD)



TASK: Marking an answer using the mark scheme



Past Papers and Mark Schemes (SD)



- o Formal written testing – exam conditions
- o Using mark scheme to check answers after each question/section
- o Verbal testing again using the mark scheme
- o Additional research by pupil to understand the incorrect answers – Text book rather than google!



Resilience and healthy body healthy mind (KGN)



- o ALL WORK AND NO PLAY??
- o Contrary to popular belief, you can overdo revision! It will disrupt concentration and the ability to absorb and retain information. This can leave you feeling tired and more anxious.
- o Schedule short breaks within the revision timetable and get the best out of your breaks:
- o Take a break every 45-60 minutes during each revision period
- o Relax during the breaks; go for a short walk, read a chapter of a book or listen to music
- o At the end of the day's revision reward yourself; have a long bath, watch the television, a good dvd or socialise with friends
- o It's important to take time out to get away from your study material and even do some exercise which takes the mind off stress and helps you sleep better.

Brain Foods!!

- o Nuts, Seeds and dried fruit for snacks
- o Wholegrain foods (cereals) help to regulate blood glucose levels aiding concentration
- o Fruit
- o Vegetables
- o Fish
- o Fruit Juice
- o Blueberries, strawberries and tomatoes are said to be beneficial!
- o WATER!





Final checklist and top tips (SD)



- o Make a start!
- o Build in short breaks
- o Frequent short exercises – take a walk/
shoulders rolls
- o Keep hydrated
- o Eat brain food! – avoid sugar
- o Take a day off and do something completely
different

- o Talk to your daughter and see how they would like you to support them
- o Get organised – files/ post-its/ highlighters!!
- o Purchase revision guides
- o Plan a revision timetable
- o Have a quiet and peaceful work environment
- o Keep things in perspective – your child may not be doing things the way you would do them..... or as often as you like... but they are doing the best they can

Weekly Revision Timetable



Monday

Thursday

Tuesday

Friday

Wednesday

Sunday

Saturday

Key areas of revision to focus on this week:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.



Questions



Further links....

www.positivleymad.co.uk

www.bbc.co.uk/bitesize

www.bbc.co.uk/schools/parents/alevels

www.s-cool.co.uk

