

The Douay Martyrs Catholic Secondary School



Wednesday 4th September 2019

Dear Parent/Carer

As you are aware your child has entered their final year of their GCSEs. I would like to take this opportunity to remind you of the expectations and support available to help your child make the best of this year and succeed.

At School your child has 6 science lessons a fortnight (10 for the separate sciences). Their teacher is available to provide additional support before and after School as well as lunch times. We encourage our students to make use of this time for additional help. We have also set up a website which contains exam papers and revision resources. They can login using their school username and password: <https://sites.google.com/a/douaymartyrs.co.uk/edexcel-gcse-science/home?pli=1>

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We would like to encourage you to work with child at home to ensure their success. I would recommend they work at home for 2-3 hours a week on science.

Types of work they could be doing to improve their understanding are:

- Read through class work at home. Highlight anything they are unsure of and ask the teacher the following day
- Use the information in revision guides to add notes to their class work
- Complete all homework, on time, to the best of their ability
- Read through the revision guide and answer the questions (revision guides are available to buy from the science department at a reduced cost of £7 for combined science and all three separate science books for £10)
- Use the workbooks to apply their knowledge to exam style questions (workbooks available to buy from the science department at a reduced cost of £6 for combined science and £3 for each of the separate sciences)
- Complete the sample assessment papers on the Edexcel website
- Using the BBC bitesize website which has summaries of work, activities and tests
- See their teacher for extra support with homework, class work and revision
- Watch videos online relevant to what they are learning

I have included a suggested revision schedule on the next page. It is advisable that your child keeps as close as possible to this in order to complete revision in good time. Please ensure your child is following the correct schedule.

May I take this opportunity to wish them the very best of luck. If you would like to discuss this further or have any queries, please do not hesitate to contact me on 01895679400.

Yours sincerely

Mr H Dole

Mr H Dole
Head of Science

Y11 combined science revision schedule 2018-2019

Use your revision guide to help revise the topics listed each week. You can read through the material, answer the questions in your revision guide or workbook, make notes/flash cards/posters and try and answer exam questions.

W/C	Subject	Suggested revision topic from revision guide	Page numbers
09.09.19	Biology	Section 1 'Key concepts in biology'	11-19
16.09.19	Chemistry	Section 10 'Key concepts in chemistry'	75-96
23.09.19	Chemistry	Section 10 'Key concepts in chemistry'	75-96
30.09.19	Physics	Section 17 'Motion, forces and energy'	145-159
07.10.19	Biology	Section 2 'Cells and control'	20-25
14.10.19	Chemistry	Section 11 'States of matter and mixtures'	97-104
HALF TERM	Physics	Section 18 'waves and the EM spectrum'	164-171
28.10.19	Biology	Section 3 'Genetics'	23-31
04.11.19	Chemistry	Section 12 'Chemical changes'	105-113
11.11.19	Physics	Section 19 'Radioactivity'	172-178
18.11.19	Biology	Section 4 'Natural selection and genetics'	32-38
25.11.19	Chemistry	Section 13 'Extracting metals and equilibria'	114-122
02.12.19	Physics	Section 20 'Forces and energy'	179-183
09.12.19	Biology	Section 5 'Health, disease and medicine'	39-46
16.12.19	Chemistry	Section 14 'Groups in the periodic table'	123-127
Christmas	Physics	Section 21 'Electricity and circuits'	184-194
06.01.20	Biology	Section 6 'Plant structures and function'	47-51
13.01.20	Chemistry	Section 15 'Rates of reaction'	128-136
20.01.20	Physics	Section 22 'Magnetic fields'	195-199
27.01.20	Biology	Section 7 'Animal coordination'	52-58
03.02.20	Chemistry	Section 16 'Fuels and Earth science'	137-144
10.02.20	Physics	Section 23 'Matter'	200-207
HALF TERM	Biology	Section 8 'Exchange and transport in animals'	59-66
24.02.20	Biology	Section 9 'Ecosystems and material cycles'	67-74

Y11 biology revision schedule 2018-2019

Use your revision guide to help revise the topics listed each week. You can read through the material, answer the questions in your revision guide, make notes/flash cards/posters and try and answer exam questions.

W/C	Suggested revision topic from revision guide	Page numbers
09.09.19	Topic 1 'Key concepts in biology'	12-23
16.09.19	Topic 1 'Key concepts in biology'	12-23
23.09.19	Topic 1 'Key concepts in biology'	12-23
30.09.19	Topic 1 'Key concepts in biology'	12-23
07.10.19	Topic 1 'Key concepts in biology'	12-23
14.10.19	Topic 2 'Cells and control'	24-31
HALF TERM	Topic 2 'Cells and control'	24-31
28.10.19	Topic 2 'Cells and control'	24-31
04.11.19	Topic 3 'Genetics'	32-44
11.11.19	Topic 3 'Genetics'	32-44
18.11.19	Topic 3 'Genetics'	32-44
25.11.19	Topic 4 'Natural selection and genetic modification'	45-54
02.12.19	Topic 4 'Natural selection and genetic modification'	45-54
09.12.19	Topic 5 'Health, disease and medicine'	55-68
16.12.19	Topic 5 'Health, disease and medicine'	55-68
Christmas	Topic 5 'Health, disease and medicine'	55-68
06.01.20	Topic 6 'Plant structure and their functions'	69-76
13.01.20	Topic 6 'Plant structure and their functions'	69-76
20.01.20	Topic 7 'Animal coordination, control and homeostasis'	77-86
27.01.20	Topic 7 'Animal coordination, control and homeostasis'	77-86
03.02.20	Topic 8 'Exchange and transport in animals'	87-94
10.02.20	Topic 8 'Exchange and transport in animals'	87-94
HALF TERM	Topic 9 'Ecosystems and material cycles'	95-107
24.02.20	Topic 9 'Ecosystems and material cycles'	95-107

Y11 chemistry revision schedule 2018-2019

Use your revision guide to help revise the topics listed each week. You can read through the material, answer the questions in your revision guide or workbook, make notes/flash cards/posters and try and answer exam questions.

W/C	Suggested revision topic from revision guide	Page numbers
09.09.19	Topic 1 'Key concepts in chemistry'	12-33
16.09.19	Topic 1 'Key concepts in chemistry'	12-33
23.09.19	Topic 1 'Key concepts in chemistry'	12-33
30.09.19	Topic 1 'Key concepts in chemistry'	12-33
07.10.19	Topic 1 'Key concepts in chemistry'	12-33
14.10.19	Topic 1 'Key concepts in chemistry'	12-33
HALF TERM	Topic 2 'States of matter and mixtures'	34-42
28.10.19	Topic 2 'States of matter and mixtures'	34-42
04.11.19	Topic 3 'Chemical changes'	43-51
11.11.19	Topic 3 'Chemical changes'	43-51
18.11.19	Topic 3 'Chemical changes'	43-51
25.11.19	Topic 4 'Extracting metals and equilibria'	52-61
02.12.19	Topic 4 'Extracting metals and equilibria'	52-61
09.12.19	Topic 5 'Separate chemistry 1'	62-72
16.12.19	Topic 5 'Separate chemistry 1'	62-72
Christmas	Topic 6 'Groups in the periodic table'	73-76
06.01.20	Topic 7 'Rates of reaction and energy changes'	77-86
13.01.20	Topic 7 'Rates of reaction and energy changes'	77-86
20.01.20	Topic 7 'Rates of reaction and energy changes'	77-86
27.01.20	Topic 8 'Fuels and Earth science'	87-94
03.02.20	Topic 8 'Fuels and Earth science'	87-94
10.02.20	Topic 9 'Separate chemistry 2'	95-108
HALF TERM	Topic 9 'Separate chemistry 2'	95-108
24.02.20	Topic 9 'Separate chemistry 2'	95-108

Y11 physics revision schedule 2018-2019

Use your revision guide to help revise the topics listed each week. You can read through the material, answer the questions in your revision guide or workbook, make notes/flash cards/posters and try and answer exam questions.

W/C	Suggested revision topic from revision guide	Page numbers
09.09.19	Section 1 'Motion, forces and conservation of energy'	12-31
16.09.19	Section 1 'Motion, forces and conservation of energy'	12-31
23.09.19	Section 1 'Motion, forces and conservation of energy'	12-31
30.09.19	Section 1 'Motion, forces and conservation of energy'	12-31
07.10.19	Section 2 'Waves and the electromagnetic spectrum'	32-48
14.10.19	Section 2 'Waves and the electromagnetic spectrum'	32-48
HALF TERM	Section 2 'Waves and the electromagnetic spectrum'	32-48
28.10.19	Section 2 'Waves and the electromagnetic spectrum'	32-48
04.11.19	Section 3 'Radioactivity and astronomy'	49-64
11.11.19	Section 3 'Radioactivity and astronomy'	49-64
18.11.19	Section 3 'Radioactivity and astronomy'	49-64
25.11.19	Section 3 'Radioactivity and astronomy'	49-64
02.12.19	Section 4 'Forces and energy'	65-70
09.12.19	Section 4 'Forces and energy'	65-70
16.12.19	Section 4 'Forces and energy'	65-70
Christmas	Section 5 'Electricity and circuits'	71-81
06.01.20	Section 5 'Electricity and circuits'	71-81
13.01.20	Section 5 'Electricity and circuits'	71-81
20.01.20	Section 6 'Electric and magnetic fields'	82-92
27.01.20	Section 6 'Electric and magnetic fields'	82-92
03.02.20	Section 6 'Electric and magnetic fields'	82-92
10.02.20	Section 7 'Matter'	93-103
HALF TERM	Section 7 'Matter'	93-103
24.02.20	Section 7 'Matter'	93-103