



Sir Frederic Osborn
A specialist sports college

KS3 Science

Welcome to KS3 Science at Sir Frederic Osborn School. All pupils study science at Key Stage 3 and have three on hour lessons per week. We provide an engaging, inspiring and exciting curriculum delivering the course with a variety of teaching methods including practical and theory to provide the very best science education

Pupils will study a variety of topics during KS3 which lay the foundations for their GCSE course. The next few pages will detail the units covered and provide information of how pupils are assessed.

Year 7 Curriculum Plan

Groups	3 Sep- 25 Sep (3.5 weeks)	28 Sep – 23 Oct (5 weeks)	2 Nov- 18 Dec (7 weeks)	5 Jan – 11 Feb (6 weeks)	22 Feb- 1 April (6 weeks)	18 April - 27 May (6 weeks)	6 Jun- 22 Jul (7 weeks)
7F KJ[6]	Numeracy in Science	Acids Electricity & Magnetism	Cells Particles	Chemical reactions Energy	Classification Forces	Reproduction Space	Space Revision EXAM
	Numeracy in Science [AWE+DH]	Cells [AWE]	Particles [AWE+DH] Acids [AWE+DH]	Classification [AWE+DH]	Reproduction [AWE+DH]	Chemical reactions [AWE+DH]	Revision [AWE+DH] EXAM
	Numeracy in Science [DS]	Electricity & Magnetism [DS]	Electricity & Magnetism [DS]	Energy [DS]	Forces [DS]	Space [DS]	Space [DS] Revision
7B AWE[1] BC[2] DH[1] DS[2]	Numeracy in Science [BC/DH]	Acids [BC/DH]	Cells [BC/DH]	Chemical reactions [BC/DH]	Classification [BC/DH]	Reproduction [BC/DH]	Revision [BC/DH] EXAM
	Numeracy in Science [AWE/DS]	Electricity & Magnetism [AWE/DS]	Electricity & Magnetism [AWE/DS] Particles [AWE/DS]	Particles [AWE/DS]	Energy [AWE/DS]	Forces [AWE/DS]	Space [AWE/DS] Revision
7S DH[3] KK[3]	Numeracy in Science [DH]	Cells [DH]	Particles Acids [DH]	Classification [DH]	Reproduction [DH]	Chemical reactions [DH]	Revision [DH] EXAM
	Numeracy in Science [KK]	Electricity & Magnetism [KK]	Electricity & Magnetism [KK]	Energy [KK]	Forces [KK]	Space [KK]	Space [KK] Revision[KK]

Year 8 Curriculum Plan

Groups	3 Sep– 23 Oct (8.5 weeks)	2 Nov- 18 Dec (7 weeks)	5 Jan – 11 Feb (6 weeks)	22 Feb- 1 April (6 weeks)	18 April - 27 May (6 weeks)	6 Jun- 22 Jul (7 weeks)
8x1 [DH]	PT Elements	H & C Materials	Moving Rocks	Metals Healthy	Sound Light	People Revision Exam
8x2 FH [2] BC[4]	H & C Materials	PT Elements	Metals Healthy	Moving Rocks	Light Sound	People Revision Exam
8y1 JMi[6]	PT Elements	H & C Materials	Moving Rocks	Metals Healthy	Sound Light	People Revision Exam

Year 9 Curriculum Plans

Groups	3 Sep– 23 Oct (8.5 weeks)	2 Nov- 18 Dec (7 weeks)	5 Jan – 11 Feb (6 weeks)	22 Feb- 1 April (6 weeks)	18 April - 27 May (6 weeks)	6 Jun- 22 Jul (7 weeks)
9xSc1 FH [1] BC [6]	Biology	Chemistry	Physics	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)
9XSc2 JMI [5] DH [2]	Chemistry	Physics	Biology	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)
9XSc3 AWE [4] KK [2] BC [1]	Physics	Biology	Chemistry	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)
9YSc1 KK [5] AWE [2]	Biology	Chemistry	Physics	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)
9YSc2 DH [4] FH [3]	Chemistry	Physics	Biology	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)
9YSc3 BC [4] AWE [3]	Physics	Biology	Chemistry	GCSE COURSE (TBC)	GCSE COURSE (TBC)	GCSE COURSE (TBC)

KS3 Assessment

- On entry to year 7 each pupil will sit an Introductory science test
- Assessment for each unit at KS3 consists of an **extended writing assignment** and a written **end of topic test**.
- An **end of year exam** will take place according to the school calendar.
- Year 9 start their GCSE course during the summer term of year 9.

Useful information



These textbooks accompany the KS3 science curriculum and are available to purchase online

USEFUL SITES:

www.bbc.co.uk/bitesize/ks3/science
www.darvill.clara.net
www.skool.co.uk/keystage3
www.docbrown.info/ks3science
www.rigb.org
www.schoolscience.co.uk
www.sciencenewsforkids.org
www.nhm.ac.uk/
www.sciencemuseum.org.uk

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