

# Science Y7 – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	Science Skills  WYG Lecture = Diversity in science	Science Skills  WYG Lecture = Forces and Space L1	Science Skills  WYG Lecture = Forces and Space L2	Science Skills, Cells & Life Processes  WYG Lecture = Forces and Space L3	Cells & Life Processes  WYG Lecture = Forces and Space L4	Cells & Life Processes Assessment  WYG Lecture = Forces and Space L5	Cells & Life Processes DIRT  WYG Lecture = Forces and Space L6	Particles & Solutions  WYG Lecture = Forces and Space L7	Particles & Solutions  WYG Lecture = Forces and Space L8	Particles & Solutions  WYG Lecture = Forces and Space L9	Energy  WYG Lecture = Forces and Space L10	Energy  WYG Lecture = Revision – Science Skills and Cells
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	Energy  WYG Lecture = Revision – Particles and Solutions	Energy  WYG Lecture = Careers in Science Part 1	Reproduction  WYG Lecture = Ecology L1	Reproduction  WYG Lecture = Ecology L2	Reproduction  WYG Lecture = Ecology L3	Revision  WYG Lecture = Ecology L4	Revision  WYG Lecture = Ecology L5	Assessment  WYG Lecture = Ecology L6	Atoms, Elements & Periodic Table  WYG Lecture = Ecology L7	Review  WYG Lecture = Ecology L8	Atoms, Elements & Periodic Table  WYG = Science Week Lecture	Atoms, Elements & Periodic Table  WYG Lecture = Ecology L9	Acids & Alkalis  WYG Lecture = Ecology L10
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	Acids & Alkalis  WYG Lecture = Revision Energy	Acids & Alkalis  WYG Lecture = Revision Reproduction	Science Skills review  WYG Lecture = Revision Atoms & Elements	Revision  WYG Lecture = Revision Acids & Alkalis	Revision  WYG Lecture = Revision – Ecology	Revision  WYG Lecture = Revision – Forces and motion	Examinations Revision	Examinations Revision	Examinations Revision	Waves  WYG Lecture = Careers in science Part 2	Waves  WYG Lecture = Review	Waves  WYG Lecture = Review	DIRT & Revision  WYG Lecture = = Review

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	Forces and motion  WYG Lecture = The Body L1	Forces and motion  WYG Lecture = The Body L2	Forces and motion  WYG Lecture = The Body L3	Forces and motion  WYG Lecture = The Body L4	Metals and reactivity  WYG Lecture = The Body L5	Metals and reactivity Revision  WYG Lecture = The Body L6	Metals and reactivity Y8 Assessment  WYG Lecture = The Body L7	Chemical Reactions DIRT  WYG Lecture = The Body L8	Chemical Reactions  WYG Lecture = Revision	Chemical Reactions  WYG Lecture = Plants and Photosynthesis L1	Electricity and magnetism  WYG Lecture = Plants and Photosynthesis	Electricity and magnetism  WYG Lecture = Plants and Photosynthesis
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	Review  WYG Lecture = Plants and Photosynthesis L5	Environmental Chemistry  WYG Lecture = Careers in Science 1	Environmental Chemistry  WYG Lecture = Health and disease L1	Environmental Chemistry  WYG Lecture = Health and disease L1	Pressure, density, moments  WYG Lecture = Health and disease L2	Pressure, density, moments  WYG Lecture = Health and disease L3	Pressure, density, moments  WYG Lecture = Health and disease L4	Review  WYG Lecture = Health and disease L5	Review  WYG Lecture = Health and disease L6	Science Skills  WYG Lecture = Health and disease L7	Science Skills  WYG Lecture = Health and disease L8	Science Skills  WYG Lecture = Science Week Lecture	Genetics  WYG Lecture = Health and disease L9
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	Genetics  WYG Lecture = Health and disease L10	Revision: Y7 Content  WYG Lecture = Health and disease L11	Revision: Y7 Content  WYG Lecture = Revision: Particles and solutions	Revision: Y7 Content  WYG Lecture = Revision: Cells	Revision Y8 Content  WYG Lecture = Revision: Forces and Space	Revision Y8 Content  WYG Lecture = Revision: The Body	Revision Y8 Content  WYG Lecture = Revision: Plants and Photosynthesis	Revision Y8 Content  WYG Lecture = Revision: Atoms & Elements	Examinations  WYG Lecture = Revision: Atoms & Elements	Examinations  WYG Lecture = Revision: Energy	Projects and Practical's: Physics  WYG Lecture = Careers in Science 2	Projects and Practical's: Chemistry  WYG Lecture = Health and disease L8	Projects and Practical's: Biology  WYG Lecture = Health and disease L8

# Science Y9 – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	B1 Cell Biology	B1 Cell Biology	B1 Cell Biology	C1 Atomic structure and periodic table	C1 Atomic structure and periodic table	Assessment C1 Atomic structure and periodic table	Assessment Revision	C1 Atomic structure and periodic table	Review P1 Energy	P1 Energy	P1 Energy	P1 Energy
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	B2 Organisation	B2 Organisation	C2 Structure, bonding and properties of matter	C2 Structure, bonding and properties of matter	C2 Structure, bonding and properties of matter	Revision	Assessment Revision	Assessment P3 Particle model of matter	P3 Particle model of matter	Review P3 Particle model of matter	P3 Particle model of matter	B3 Infection and response	B3 Infection and response
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	B3 Infection and response	C9 Chemistry of the Atmosphere	C9 Chemistry of the Atmosphere	C9 Chemistry of the Atmosphere	Revision	Revision	Revision	Examinations	Examinations	Examinations Project Work (Addressing gaps in knowledge and RP)	Project Work (Addressing gaps in knowledge and RP)	Project Work (Addressing gaps in knowledge and RP)	Review

# Science Y10 Biology – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	B3 Infection & Response	B3 Infection & Response	B3 Infection & Response	B3 Infection & Response	B3 Infection & Response	Revision B3 Infection & Response	Assessment B3 Infection & Response	DIRT B4 Bioenergetics	B4 Bioenergetics	B4 Bioenergetics	B4 Bioenergetics	B4 Bioenergetics
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	B5 Homeostasis	B5 Homeostasis	B5 Homeostasis	B5 Homeostasis	B5 Homeostasis	B5 Homeostasis	B6 inheritance	B6 inheritance Paper 1 C2 Assessment	B6 inheritance	B6 inheritance	B6 inheritance	B6 inheritance	B6 inheritance
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	B7 Ecology	B7 Ecology	B7 Ecology	B7 Ecology	B1 – B4 Revision	B1 – B4 Revision	B1 – B4 Revision	Examinations Revision	Examinations	Examinations	B7 Ecology	B7 Ecology	Review



# Science Y10 Physics – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	P3 Particle model of matter	P3 Particle model of matter	P3 Particle model of matter	P3 Particle model of matter	P3 Particle model of matter	Revision P3 Particle model of matter	Assessment P3 Particle model of matter	DIRT P4 Atomic Structure	P4 Atomic Structure	P4 Atomic Structure	P4 Atomic Structure	P2 Electricity
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	P2 Electricity	P2 Electricity	P2 Electricity	P2 Electricity	P2 Electricity	P5 Forces	P5 Forces	P5 Forces Paper 1 C2 Assessment	P5 Forces	P5 Forces	P5 Forces	P5 Forces	P5 Forces
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	P5 Forces	P5 Forces	P1 Energy Revision	P1 Energy Revision	Revision Revision	Revision Revision	Examinations Revision	Examinations	Examinations	P6 Waves	P6 Waves	P6 Waves	Revision

# Science Y11 Biology – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	B5 Homeostasis	B5 Homeostasis	B6 Inheritance	B6 Inheritance	B6 Inheritance	B6 Inheritance	B6 Inheritance	B6 Inheritance	B6 Inheritance	B6 Inheritance	B7 Ecology	B7 Ecology
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	Y11 Examinations B7 Ecology	B7 Ecology	B7 Ecology	Paper 1 feedback	Paper 2 feedback	B1 revision	B1 revision	B2 revision	B2 revision	B3 revision	B3 revision	B4 revision	B4 revision
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations*	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	B5 revision	B5 revision	B6 revision	B6 revision	B1 – B7 Revision	B1 – B7 Revision	Examinations	Examinations	Examinations				

# Science Y11 Chemistry – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	C7 Organic Chemistry Review	C8 Chemical Analysis Review	C8 Chemical Analysis Review	C9 Chemistry of the atmosphere Review	C9 Chemistry of the atmosphere Review	C9 Chemistry of the atmosphere Review	C10 Using Resources Review	C10 Using Resources Review	C10 Using Resources Review	Revision	Revision	Y11 Examinations
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	Y11 Examinations	C1 Atomic structure and PT review	C1 Atomic structure and PT review	C8 Chemical Analysis Review	C9 Chemistry of the atmosphere Review	C10 Using Resources Review	C1 Atomic structure and PT review	C1 Atomic structure and PT review	C2 Structure and Bonding Review	C2 Structure and Bonding Review	C3 Quantitative Chemistry Review	C4 Chemical Changes Review	C4 Chemical Changes Review
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	C5 Energy Changes Review	C6 Rate and Extent of Change Review	C6 Rate and Extent of Change Review	C7 Organic Chemistry Review	C8 Chemical Analysis Review	C9 Chemistry of the atmosphere Review	Examinations	Examinations	Examinations				



# Science Y11 Physics – 2021 / 2022

## Long Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
	Term 1 Bank Holiday (30/08)							Term 2	Data Input 1 (10/11)*	Data Day (18/11) Planning Day (19/11)	Share Results		Y11 Mock Examinations
	New staff and SLT on 25/08 All from 26/08 Student Induction Y7 and 8 on 31/08 Y9-11 on 1/09	P5 Forces and motion	P5 Forces and motion	P5 Forces and motion	P7 Magnetism and electromagneti sm	P7 Magnetism and electromagneti sm	P7 Magnetism and electromagneti sm	P1 Energy review P3 Particle Model review	P2 Electricity review	P4 Atomic Structure review	P5 Forces review	P6 Waves review	Y11 Examinations P7 Magnetism and electromagneti sm review
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C /14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Y11 Mock Examinations	Term 3 Return 04/01	Data Input Y11 (10/01)*						Term 4 Data Input 2 (02/03)*	Data Day (10/03) Planning Day (11/03)	Share Results Science Week		
	Y11 Examinations P7 Magnetism and electromagneti sm review	P1 Energy review	P1 Energy review	P2 Electricity review	P2 Electricity review	P2 Electricity review	P3 Particle Model review	P3 Particle Model review	P4 Atomic Structure review	P4 Atomic Structure review	P5 Forces review	P5 Forces review	P6 Waves review
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
		Term 5	Bank Holiday (02/05) 03/05 Possible Eid		GCSE Examinations*	GCSE Examinations*	GCSE Examinations* Term 6	GCSE Examinations*	GCSE Examinations*		Data Input 3 (07/07)*		Share Results Data Day (21/07)
	P6 Waves review	P7 Magnetism and electromagneti sm review	P7 Magnetism and electromagneti sm review	Revision	Revision	Revision	Examinations	Examinations	Examinations				