Year Y9, 2022/2023

MALTBY ACADEMY

Half Term 1: 5th September – 2st October (7 weeks).

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Atomic structure and the periodic table elements, compounds, mixtures, separation techniques, the atom & theories, Groups 1,7,0, transition metals					**Cells and Transport** cell structure, microscopes, transport of substances	

Holiday

Half Term 2

Week 8	Week 9
Cells and Transport cell structure, microscopes, transport of substances	

Half Term 2: 31st October – 16th December (7 weeks).

Week 10	Week 11	Week 12	Week 13	Week 14
Cells and Transport cell structure, microscopes, transport of substances		**Particle Model of Matter** Density, states of matter, SLH, SHC, gases		

Holiday **Holiday**

Half Term 3: 3rd January – 10th February (6 weeks).

Week 15	Week 16	Week 17
Particle Model of Matter	**Organisation** Digestive & circulatory system, disease & lifestyle, plant tissues & organs	

Half Term 3: 3rd January – 10th February (6 weeks).

Week 18	Week 19	Week 20
Mid Year Revision and Exam		

Holiday

Week 21
Mid year CTG

Half Term 4: 20th February – 31st March (6 weeks).

Week 22	Week 23	Week 24	Week 25	Week 26
Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs		**Science week**	**Organisation** Digestive & circulatory system, disease & lifestyle, plant tissues & organs	

Holiday **Holiday**

Half Term 5: 17th April - 26th May (6 weeks).

Week 27	Week 28	Week 29	Week 30	Week 31	Week 32
Chemical Reactions Reactions of metals, acids and bases, displacement, pH scale, electrolysis					

Holiday

Week 33
Radioactivity

Half Term 6: 5th June – 21st July (7 weeks).

Week 34	Week 35	Week 36	Week 37	Week 38	Week 39
Radioactivity atomic structure, radiation properties, half-life, fission, fusion,		**Energy Changes** **Exothermic, endothermic, bond energies**		**End of Year Project**	

Curriculum Intent:

Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.

Year Y9, 2022/2023

MALTBY ACADEMY

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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Atomic structure and the periodic table elements, compounds, mixtures, separation techniques, the atom & theories, Groups 1,7,0, transition metals					**Cells and Transport** cell structure, microscopes, transport of substances	

Holiday

Half Term 2

Week 8	Week 9
Cells and Transport cell structure, microscopes, transport of substances	

Half Term 2: 31st October – 16th December (7 weeks).

Week 10	Week 11	Week 12	Week 13	Week 14
Cells and Transport cell structure, microscopes, transport of substances		**Particle Model of Matter** Density, states of matter, SLH, SHC, gases		

Holiday **Holiday**

Half Term 3: 3rd January – 10th February (6 weeks).

Week 15	Week 16	Week 17
Particle Model of Matter	**Organisation** Digestive & circulatory system, disease & lifestyle, plant tissues & organs	

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