## KS3 Science Curriculum 2020-2021

Wk	Year 7	Year 8
1	Working Scientifically 1	Diet and Health
2	Matter, particle model	Diet and nearth
3 4	and separating mixtures	
5	and separating mixtures	Waves
6	Organisms	waves
7	Organisms	Science Fair/WS2
8		Science Fully WSE
9		
10	Forces	Chemical groups
11		
12		
13	Atoms, Elements and	Density and Pressure
14	Compounds	Science Fair/WS3
15		Science ran/ wss
16	Revision/Exam	Revision/Exam
17		
18		
19		
20	Space	Bioenergetics
21		
22		
23	Acids and Alkalis	Reactions
24		
25		
26	Reproduction in Plants	
		Colongo Foir/MC4
27		Science Fair/WS4
28	Reproduction in Animals	Science Fair/WS4 Genes
28 29	Reproduction in Animals	Genes
28 29 30		
28 29	Reproduction in Animals	Genes
28 29 30 31	Reproduction in Animals Revision/Exam	Genes
28 29 30 31 32	Reproduction in Animals	Genes
28 29 30 31 32 33	Reproduction in Animals Revision/Exam	Genes Revision/Exam
28 29 30 31 32 33 34	Reproduction in Animals Revision/Exam Energy	Genes Revision/Exam
28 29 30 31 32 33 34 35	Reproduction in Animals Revision/Exam  Energy Electricity	Genes Revision/Exam  Heat Transfer  Magnetism
28 29 30 31 32 33 34 35 36 37	Reproduction in Animals Revision/Exam Energy	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth
28 29 30 31 32 33 34 35 36 37 38	Reproduction in Animals Revision/Exam  Energy Electricity	Genes Revision/Exam  Heat Transfer  Magnetism
28 29 30 31 32 33 34 35 36 37 38 39	Reproduction in Animals Revision/Exam  Energy Electricity	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth
28 29 30 31 32 33 34 35 36 37 38 39 40	Revision/Exam  Revision/Exam  Energy  Electricity  Ecosystems	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth Review
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Reproduction in Animals Revision/Exam  Energy Electricity	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Revision/Exam  Revision/Exam  Energy  Electricity  Ecosystems	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth Review
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Revision/Exam  Revision/Exam  Energy  Electricity  Ecosystems	Genes Revision/Exam Heat Transfer Magnetism Chemistry of the Earth Review
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	Revision/Exam  Revision/Exam  Energy  Electricity  Ecosystems  Revision	Genes Revision/Exam  Heat Transfer  Magnetism Chemistry of the Earth Review  Revision
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Reproduction in Animals Revision/Exam  Energy Electricity  Ecosystems  Revision  Exam Week	Genes Revision/Exam  Heat Transfer Magnetism Chemistry of the Earth Review  Revision Exam Week

Marking Policy
MCA - Formative tests will be completed by students and marked by teachers every 6 lessons.
MVPA - Feedback to be given every 4 - 6 lessons either as KO test with GPC or homework.

Overarching Objectives for KS3

Develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.

Develop understanding of the nature, processes and methods of science, through different types of scientific enquiry that help them to answer scientific questions about the world around them.

Develop and learn to apply observational, practical, modelling, enquiry, problem-solving skills and mathematical skills, both in the laboratory, in the field and in other environments.

Develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.

Students are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.