



Science Long Term Plans for MLD Yr 7 -11 from Sept 14 (Updated July 17 and Dec 18)

Key stage/year group	Autumn #1	Autumn #2	Spring#1	Spring #2	Summer #1	Summer #2
Key Stage 3	Key stage three years 7 and 8 will follow the AstraZeneca schemes of work, Sc1 skills workshops and horticulture. Year 10 will start their OCR external accreditation which will run on to the end of year 11					
Year 7 MLD	<b>Skills workshops:</b> Horticulture and Sc1 investigations.					
	<b>Sc2 Unit 1.1 :</b> Parts of the body and the senses. <b>Sc2 Unit 1.2:</b> Teeth and dental care.	<b>Sc2 Unit 3.1</b> Life cycle <b>Sc2 Unit 2.1</b> Food, exercise and staying healthy	<b>Sc 2 Unit 4.1</b> Characteristics of living things. <b>Sc2 Unit 4.2</b> Variation and food chains	<b>Sc3 Unit 1.1</b> Grouping and classifying materials. <b>Sc3 Unit 1.2</b> Changing materials.	<b>Sc3 Unit 1.3</b> Separating materials <b>Sc 4 Unit 1.3</b> Light	<b>Sc4 Unit 1.1</b> Electricity <b>Sc 4 Unit 1.4</b> Sound
Year 8 MLD	<b>Skills workshops:</b> Horticulture and Sc1 investigations.					
	<b>Sc2 Unit 1.3:</b> Human skeleton. <b>Sc2 Unit 2.2:</b> Heart and circulation	<b>Sc2 Unit 2.3</b> Drugs and medicine. <b>Sc2 Unit 4.3</b> Microbes	<b>Sc 2 Unit 4.5</b> Living things in their environment <b>Sc2 Unit 4.6</b> Cells	<b>Sc 2 Unit 4.4</b> Plants- <b>Sc3 Unit 1.4</b> Acids and alkalis	<b>Sc4 Unit 1.2</b> Forces and motion. <b>Sc3 Unit 1.5</b> Rocks and weathering.	<b>Sc4 Unit 1.5</b> Earth and beyond
Year 9	<b>Sc4 P1</b> Getting the message <b>P2</b> Full spectrum <b>P3</b> Medical rays	<b>Sc2 B1</b> Dead or alive <b>B2</b> Babies	<b>Sc3 C1</b> Physical or chemical change <b>C2</b> Acids and alkalis	<b>Sc4 P4</b> Hot stuff <b>P5</b> Alternative energy	<b>Sc3 C4</b> Clean air and water <b>C10</b> Are you overreacting? <b>C11</b> How fast, how slow?	<b>Sc2 B9</b> Creepy crawlies <b>B10</b> Extinction
Key Stage 4						
Year 10 MLD	<b>Sc3 C5</b> Novel materials <b>C6</b> Sorting out <b>C8</b> Heavy metal	<b>Sc2 B3</b> Control systems <b>B4</b> Fooling your senses	<b>Sc2 B5</b> Gasping for breath <b>B6</b> Casualty	<b>Sc3 C3</b> Everything in its place <b>C7</b> Let's get together <b>Sc4 P6</b> Nuclear power	<b>Sc4 P8</b> Attractive forces <b>P9</b> Pushes and pulls <b>P10</b> Driving along	<b>Sc2 B7</b> You only have one life – look after it <b>B8</b> Body wars
Year 11 MLD	<b>Sc3 C9</b> Fuels, <b>Sc4 P7</b> Our electricity supply <b>P11</b> Fly me to the moon	<b>Sc4 P12</b> Final frontiers <b>Coursework</b>	<b>Sc2 B11</b> My genes <b>B12</b> Food factory	<b>Sc3 C12</b> CSI plus <b>Missed tests</b>	<b>Missed tests</b>	<b>No Teaching</b>