

Department: Science Term\_3\_ Person leading of H/W ACO

Year group	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
7	Forces Mastery Quiz	Revision for Forces test. Provide your teacher with notes to prove you have revised	Worksheet comparing the relative amount of rainfall across the UK and the weathering done.	Independent research into sedimentary rock.	What happened at Pompeii? Write a news report as if you were there at the time.	Independent research. What are the environmental problems with mining?
8	Hard and Soft Magnetism	Medium or Difficult Question worksheet on "What is a Lodestone"	Write a conclusion and evaluation for your experiment into distance v magnetic strength	Test revision. Produce notes to show your teacher.	Research- What are the different forms of respiration?	Create a flowchart showing the different levels of organisation in the body.
9	Worksheet describing the different states of matter in solids, liquids and gases.	Worksheet calculating the formula of different ionic compounds.	Research what the difference between a giant ionic lattice and an ionic molecule is.	Exam question on the properties of diamond.	Exam question comparing the properties of alloys to pure metals.	Research what the new applications of Nano science are.
10 Biology	Independent Research. What is MRSA and why is it so common in hospitals.	Past paper summary questions on communicable diseases.	Pre Reading- How does soap and bleach work.	Past paper worksheet non communicable diseases	Produce revision notes on communicable diseases.	Pre-reading- What does a plant need for photosynthesis.
10 Chemistry	Half equation practice worksheet.	Write a conclusion and evaluation for the electrolysis practical.	Pre-Reading- what are endothermic and exothermic reactions. How do we use them?	Worksheet on endo/exothermic energy profiles.	Bond energy calculations worksheet.	Revision notes on the Energy Changes module.
10 Physics	Density calculations and rearrangement.	Pre Reading- How do boats stay afloat?	Specific Heat capacity calculations and rearrangement.	Past paper questions on Ideal Gases	Research task- What are the 3 different forms of radiation?	Graph skills worksheet for calculating radioactive half-lives.