

Key Vocabulary for Summer Term Overviews

Subject: Science		Year Group: 8	
Key Learning Points/End Points	Key Vocabulary		
Biology: Photosynthesis Understand that photosynthesis is a biochemical process that stores energy from sunlight in glucose. Give a simple explanation of how specific adaptations and specialised cells facilitate photosynthesis in plants.	Plant cells Specialised Root hair cell Palisade cell Word equation Photosynthesis Word equation Stomata	Iodine Leaves Carbon dioxide Oxygen Glucose Sunlight Day Night	Rate Limiting factors Temperature Extremophile Adaptations Random sampling Starch
Chemistry: Reactions of metals Identify the properties of metals and describe the different reactions of metals. Know how salts of metals have formed through reactions of acids and bases and describe how metals can be protected from corrosion.	Word equations Acids Metals Salts Hydrogen Squeaky pop Rusting Oxygen	Reactive Displacement Compound Order of reactivity Metal carbonates Carbon dioxide Limewater	Neutralisation Alkali Base Metal oxides Soluble Insoluble Corrosion
Physics: Space Know the structure of the Solar System and be able to use the Solar System model to explain why we experience day, night, months, years and seasons.	Sun Stars Galaxies Planets Solar System Earth Orbit Astronomical distance	Days Years Rotation Axis Tilted Seasons Light year	Hemispheres Moon Phases Aristotle Copernicus Galileo Kepler