

St Gabriel's KS3 Science



STRENGTH
SERVICE
SUCCESS



Develop more in-depth understandings of scientific principles and begin to distinguish the real differences in Biology, Chemistry & Physics



Build on the Working Scientifically Skills you have acquired to complete more practical investigations in Yr9!

Acid rain, ozone layer, global warming, climate



C9.3 Environmental Chemistry



P9.3 Space Physics

Satellites, Universe, dark matter, galaxies



B9.1 An Introduction to Genetics

Genetic information (Watson and Crick), continuous and discontinuous, mutations, Natural Selection, Extinction

C9.2 Energy within Chemical reactions



Exothermic, endothermic, catalysts



Potential Difference, Current, Voltage, Costs of Electricity, Building Circuits

P9.2 Electric Calculations

B9.2 Introduction to Respiration



Respiration, response to exercise, Aerobic and Anaerobic respiration, link to muscles and antagonistic pairs

Conservation of mass, oxidation, decomposition, reactions with metals, rate of reaction



Photosynthesis, Stomata, Basics of plant tissue

B9.3 Plants and Photosynthesis

C9.1 Chemical Reactions

Distance-Time graphs, Velocity-Time graphs, Newton's laws of motion

Yr8 Science KS2 Units of work

YEAR
9



9P.1 Forces and motion

Introduction to Science week



welcome

