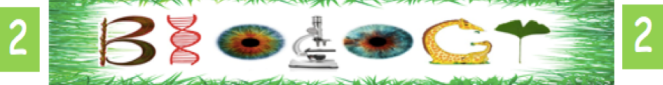
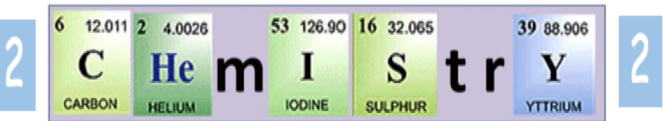


Revision Science Paper 2



5. Homeostasis & Response	6. Inheritance Variation & evolution	7. Ecology
Thermoregulation Nervous system Reflex arc – synapses Reaction times Endocrine system Hormones → glands Controlling blood glucose Diabetes type 1 & 2 Menstrual cycle (LH FSH) Controlling fertility Adrenaline Thyroxine Negative feedback	DNA structure Reproduction (a/sexual) Meiosis Genome Chromosomes XX/XY Genetic inheritance/diseases Punnet square Variation Evolution Natural selection/ Darwin Selective breeding Genetic engineering Fossils Antibiotic resistant bacteria Classification Extinction 3 - Domain system	Ecosystem Adaptations Competition Abiotic Biotic factors Food chains – prey producer Quadrats Water cycle Carbon cycle Biodiversity Waste management Global warming Deforestation Land use



6. Rate of reactions	7. Organic Chemistry	8. Chemical Analysis	9. The atmosphere	10. Using resources
Factors affecting Collision theory Measuring rate of reaction Reversible reaction Closed system	Hydrocarbons Crude oil Fractional distillation Uses Cracking Alkenes Alkanes Combustion	Pure Impure Chromatography Testing for O_2 CO_2 H_2 Cl_2	% of gases Early atmosphere Levels of O_2 CO_2 Greenhouse gases Climate change Causes effects Carbon footprint Pollution Acid rain	Finite resources Renewable resources Recycling Potable water Water treatment Life cycle assessment Recycling



5. Forces	6. Waves	7. Magnetism & Electromagnets
Scalar & Vectors Contact/non-contact Weight, mass & gravity Resultant forces Work done Elasticity Spring constant Displacement Speed Distance/time graphs Velocity Acceleration Terminal velocity Newtons Laws Momentum Motion Stopping distances Reaction times	Transverse & longitudinal Frequency Wavelength Amplitude Period Wave speed Refraction Electromagnetic spectrum Uses and dangers Oscillations	Poles Attract repel Permanent/induced magnets Magnetic fields & plotting Motor effect Electromagnets Flemings left hand rule

How to revise?

BBC Bitesize

<https://www.bbc.com/bitesize/examspe/cs/z8r997h>



Youtube – free science lessons

https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw



Science by Primrose Kitten

<https://www.youtube.com/channel/UCBgymal8AR4QIK2e0EfJwaA>



Make a SMALL CHUCK size mind map, flash cards with questions and answers, keywords and definitions.

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