

Key Stage 3 Science Revision Checklists

Year 7 Spring Term Test Revision Checklist:	
Ecstatic Energy: <ul style="list-style-type: none"> ✓ Chemical energy ✓ Heat energy ✓ Practical: burning fuels ✓ Gravitational potential energy ✓ Kinetic energy ✓ Electrical energy ✓ Building circuits ✓ Resistance ✓ Electrostatics ✓ Magnets ✓ Electromagnets 	What's the Matter?: <ul style="list-style-type: none"> ✓ Elements ✓ Compounds ✓ Mixtures ✓ Metals vs non-metals ✓ Alkali metals ✓ Halogens ✓ Noble gases ✓ The Periodic Table ✓ The reactivity series ✓ Displacement reactions ✓ Metal extraction
Year 8 Spring Term Revision Checklist:	
Evolve: <ul style="list-style-type: none"> ✓ DNA ✓ Cloning ✓ Sexual reproduction ✓ Foetal development ✓ Asexual reproduction 	Waves: <ul style="list-style-type: none"> ✓ Sound ✓ The ear ✓ Uses of sound waves ✓ Light ✓ Reflection ✓ Refraction ✓ Diffraction ✓ Splitting white light ✓ The eye ✓ Photocells ✓ Colour
Year 9 Spring Term Revision Checklist:	
Physics: Changes of state and the particle model <ul style="list-style-type: none"> ▪ Changes of state ▪ Density ▪ Internal energy ▪ Specific heat capacity ▪ Specific latent heat ▪ Particle motion in gases 	Atomic structure <ul style="list-style-type: none"> ▪ Structure of an atom ▪ Isotopes ▪ Development of the atom ▪ Radioactive decay ▪ Nuclear radiation ▪ Nuclear equations ▪ Half lives ▪ Radioactive contamination