



Science – Year 9 (7 lessons over 2 weeks)

| | Topics | | | | | | | | | | | |
|--------|---|--------|--|--------|--|--------|--------|---------------------------|--|--|---------|---------|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Term 1 | A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes | | | | The periodic table and Properties of transition metals | | | | Chemical bonds, ionic, covalent and metallic | | | |
| Term 2 | Energy stores and transfers, work done | | Gravitational potential energy, elastic potential energy, kinetic energy | | Specific heat capacity, power, conservation of energy, Conduction, convection and radiation | | | | | Efficiency and reducing unwanted energy transfer | | |
| Term 3 | Digestion | | Communicable diseases | | Preventing infections | | | Non communicable diseases | | Photosynthesis | | |