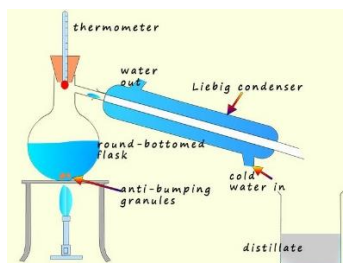




Holland Park School | *Year 8 Science: The Fundamental Scientific Processes*



Periodic Table of the Elements

Separating techniques

Light and Space

Food and
digestion

Periodic
table

Overview	Students will learn the fundamental scientific processes of Chemical separation, Light and the Universe and Digestion.
Assessment	Topic tests on the three science topics: Separating techniques & Periodic table, Light and Space and Food and digestion
Key words	See Knowledge Organiser and Glossary Sheets
Key dates	Every 5 weeks will be the Topic tests. Retrieval questions done each lesson. Bi- weekly in class small tests.

Topics	Key content	Glossary link	Knowledge Organiser link
Chemistry: Separating techniques & Periodic table	Industrial applications of: distillation, chromatography, salts from solution, filtering, Element, Atomic model, compounds, formulae, conservation of mass, Group 1 and Group 7.		BBC Bitesize
Physics: Light and Space	Light rays, Reflection, Refraction, Colour and Vision, gravity, Weight, Seasons, Earth as a planet, Universe and Stars.		BBC Bitesize
Biology: Food and digestion	Diet and Nutrition, Food testing, Digestive organs, Digestive enzymes and the Effect of temperature on enzymes.		BBC Bitesize