

DEVELOP AN ITEM FROM EACH OF THE FOLLOWING AREAS (ELEMENTS OF CONSTRUCT)

- Appreciates the contribution of chemistry to our economy (industrial processes, carbon in life, air)
- Appreciates application of chemistry in daily life (chemistry and society, chemicals for consumers nuclear processes)
- Appreciates diversity and interactions of substances and their importance in life (The periodic table (page 27), Trends in the periodic table (page 40), Structures and bonds, Structures and properties of substances (page 36), Air (page 21), Carbon in life (page 31), Using materials (page 18).
- Appreciates the existence of natural resources in the environment and their importance in everyday life (Air (page 21), Water (page 23), Rocks and minerals (page 24), Carbon in the environment (page28), Fossil fuels (page 37).
- Understands that chemistry is a process of evidence-based enquiry involving the collection of evidence and the development of theories that help us explain the evidence (science process skills)(Experimental chemistry(page 16), Acids and alkalis (page25), Salts (page26), Chemical reaction rates (page 37), Energy changes during chemical reactions (page 41), Formulae, stoichiometry and mole concept (page 34) , Carbon in life (page 31), The reactivity series (page 30), Oxidation and reduction reactions (page 38), Chemistry and society (page 15), Carbon in the environment (page28).

