

INDUSTRY TOUR LYONDELLBASELL



LyondellBasell is one of the world's largest producers of polymers, petrochemicals and fuels – manufacturing and supplying products in more than 120 countries around the world.

STUDENT HIGHLIGHTS

- The water used for the cooling system at Lyondellbasell is from the Corio Bay (sea water)
- That almost all of the metal manufacturing is done by machinery (automated)
- Different grades of Polypropylene are manufactured for different products
- How dangerous LyondellBasell would be without modern technology
- The refining process that is used to make plastics



- How automated the manufacturing industry is becoming
- Lyondell is the only high grade plastics producer in Australia
- There are many applications for polypropylene
- That the process of manufacturing plastic involves starting with a gas and making it into a solid
- How the advanced manufacturing industry is changing and how it has to adapt by automation
- That engineering is a very interesting field because it is changing constantly
- How engineering will control the future
- That many plastics are the same raw materials, shaped into different forms for different purposes