**Year 9 Science**

**TEN BUCKS A LITRE**

1. Where is the largest coal mine in the world?
2. How much coal does Australia export?
3. What is carbon capturing and storage?
4. How does it work?
5. What is coal seam gas?
6. How is coal seam gas extracted?
7. How many wind turbines are there in Australia?
8. Why are the locals and the owners of the Coal fired Power Station in Port Augusta looking to ‘get out of coal’?
9. How does solar thermal work?
10. How much solar thermal energy can the solar tower in Spain store?
11. How would it be possible to power Australia with renewable energy?
12. Where is the largest uranium deposit in the world?
13. How is saw dust turned into crude oil?
14. How much saw dust is required to make one litre of biocrude oil?
15. What are the three options to Australia’s continuing energy use?