

# 10

## Holiday homework

Student Name: \_\_\_\_\_

**Topic:** Biofuels

Teacher: \_\_\_\_\_

Due date: Week 1 Term 3 2017

### Task

You are required to investigate on the topic of 'Biofuels' and present your findings in a form of a **hand written or word typed report**. Your report must not be more than two to three pages long. You can use the questions written below as your headings and/or subheadings. You are free to use your textbook, online resources and any other relevant resources that may assist you in completing this task. However you must use original language and NO copy and paste directly off the net.



### Learning outcome/s

- Chemical Sciences biofuels

Human endeavour –

1. Introduction – What are biofuels? What is the main purpose of manufacturing biofuels? Give two examples of biofuels.
2. List two advantages of using biofuels over fossil fuels.
3. Biofuels are referred to as 'renewable resource' of energy. Explain this term?
4. Choose one biofuel mentioned in Q1 and explain how it's manufactured. Include a word and a chemical equation to support your answer.
5. Outline two limitations of using biofuels as an alternative energy source.

Marking key	Total: ___/20	%
Item	Max marks	Marks obtained
Q1 – Introduction	5	
Q2 – advantages of biofuels	2	
Q3 – renewable resource	2	
Q4 – manufacture	4	
Q5 – limitations	2	
Use of pictures/diagrams to explain	1	
Overall presentation	3	
Use of original language – no copy and paste	1	

Teacher comments: