



# Chem!stry

Name: ..... ( )

Class: .....

Date: ..... / ..... / .....

## Questions on Environment – Chemistry

1. Can a sustainable *community* coexist with a sustainable *environment*?
2. What do you understand by the term *environment*?
3. Why is a *sustainable* environment important?
4. What influences the *quality* of the environment that we live in?
5. How does *humanity* affect its *environment*, and how does the *environment* affect *humanity*?
6. How is environment connected to *health*?
7. Which *chemicals* in the environment affect our health, how do they affect our health, and where do these chemicals come from?
8. To what extent is it acceptable for one country to affect another country's *environment*?
9. What action are *governments*, *industries* and *individuals* taking to improve the quality of the environment?
10. What action can *you* take to improve the quality of *your* environment, and the environment of others?
11. If it is not possible to improve the quality of the environment directly, then what action can you take to *minimise your exposure* – and the exposure of others – to a harmful environment?

12. To what extent should an individual be responsible for their own environment, and to what extent should a government be responsible for their country's environment? *Where do the two overlap?*
13. "*Cars are weapons of mass destruction*". To what extent is this statement true?
14. People who take public transport are *exposed to the pollution* of those who drive their own private cars. What are your feelings and opinions about this?
15. How has the *environment of Singapore* changed / remained the same since the nation gained independence on 9<sup>th</sup> August 1965 (link to History)?
16. What are common trends in atmospheric pollution *around the world* (link to Geography)?
17. In what ways are *environment, health* and *mobility* connected / related?
18. Clean air and clean water are basic human needs. Is it fair / reasonable for people to *pay* to have clean air and clean water?
19. I use to think... ..but now I think...
  - a) How have your ideas of what constitutes an environment changed?
  - b) How have your ideas of environmental sustainability changed?
  - c) How have your ideas of how humans influence their environment (and vice-versa) changed?
  - d)
    - i) How could you help an underserved populations in Singapore improve the quality of their environment?
    - ii) How could you help Singapore, as a nation, improve the quality of its environment?