



The New English Private School (NEPS)

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Name _____ 3rdQuarter Date 2020 Subject: Chemistry
Review Worksheet Grade-8 Teacher's Name Mr. Demeke

I. Give appropriate answer for the following questions.

1. Write the main uses of the following compounds.

A. Calcium carbide _____

B. Aluminum sulphate _____

C. Carbon disulphide _____

D. Gypsum _____

E. Plaster of paris _____

2. Write the name of the allotropes of sulphur that is stable at room temperature.

3. Define

A. Environmental chemistry _____

B. Air pollution. _____

C. Particulates _____

D. Global warming _____

E. Hard water _____

F. Softning of water _____

G. Lime scale _____

H. Scum _____

I. Water purification _____

J. Physical water
treatment _____

K. Chemical water
treatment _____

L. Biological water treatment _____

4. List air pollutants

5. Write the effects of

A. Sulphur dioxide in air. _____

B. Carbon monoxide in air _____

C. Nitrogen dioxide in air _____

6. Write the names of compounds for the cause of temporary hardness.

7. Write the names of compounds for the cause of permanent hardness.

8. Write the methods used to remove temporary hardness of water.

9. Write the methods used to remove permanent hardness of water.

10. What are the major water pollutants?

11. Which substances are removed during the process of drinking water treatment?

12. Write the main methods used in treatment of water.

13. Explain how stalactites and stalagmites are formed.

14. What is fertile soil?

15. List the major plant nutrients.

16. Why do farmers add fertilizers to agricultural soil?

17. What are organic fertilizers

18. What are chemical fertilizers

19. Give examples for organic fertilizers.

20. Give examples for chemical fertilizers.

21. What is meant by fuel?

22. _____, _____ and _____ are called fossil fuels.

23. Write the composition of

A. Coal

B. Crude oil

C. Natural gas

24. What method is used to convert coal into coke?

25. What is Flue-gas desulphurisation (FGD)?

26. Define fractional distillation?

27. List the petroleum products.

Parent/Guardian's signature _____

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