



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION**



SUBJECT: SCIENCE

REVISION WORKSHEET #6

TOPIC: COMBUSTION AND FLAME

STD VIII

RESOURCE PERSON: Mr. S. FRANGLINE

DATE: /08/18

Name of the student _____ Sec _____ Roll No _____

Q.1. What do you mean by the term combustion?

Q.2. Why does a matchstick not burn on its own?

Q.3. Why do you use paper or kerosene oil to burn wood or coal?

Q.4. In an experiment 2.5 kg fuel was completely burned. The heat produced was measured to be 125000 KJ /Kg. Calculate the calorific value of the fuel.

Q.5. Charcoal does not burn with a flame but only glows. Why?

Q.6. State four characteristics of a good fuel.

Q.7. Why is the outer zone of the candle flame non luminous while middle zone is yellow coloured?

Q.8. We can boil water in a paper cup without burning it. Why?

Q.9. What is acid rain? Write its effects.

Q.10. Give three ways to control fire.

Q.11. Calorific value of LPG is 55000KJ/Kg. What does it mean?

Q.12. Which property of carbon dioxide is used in extinguishing fire?
