



CLASS: VII
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SUBJECT: ENGLISH
L:8 – FIRE :FRIEND AND FOE

Pre-Activity : Write any one experiment related to fire with the help of the diagram.

Working with the text

Answer the following questions.

Question 1. What do you understand by the ‘flash point’ of a fuel?

Answer: Every fuel has a specific temperature at which it starts to burn. This specific temperature is called the flash point or kindling temperature of the fuel.

Question 2. (i) What are some common uses of fire?

(ii) In what sense is it a “bad master”?

Answer: (i) Some common uses of fire are:

- It is used to produce electricity
- It is used for cooking.
- It is also used to heat our home in winter.

(ii) Fire is a “bad master” because if it is not under control, it can create huge damage to lives, properties, forests, etc.

Question 4. What are the three main ways in which a fire can be controlled or put out?

Answer: Three main ways in which a fire can be controlled or put out are the following:

1. Stop the supply of the fuel
2. Bring down the heat
3. Stop the supply of oxygen

Question 6. Why does a burning candle go out when you blow on it?

Answer: A burning candle goes out when you blow on it because when we blow air, we remove the hot air around the flame bringing down its temperature below the flash point.

Question 7. Spraying water is not a good way of putting out an oil fire or an electrical fire. Why not?

Answer: Spraying water is not a good way of putting out an oil fire or an electric fire. This is because, if water is sprayed on an oil fire, oil will come on the top layer of water and will still burn. As water flows quickly, it can take oil with it and thus increase the area where the fire can spread.

If water is sprayed on an electric fire, the person might get an electric shock and get killed.

Question 8. What are some of the things you should do to prevent a fire at home and in the school?

Answer: In order to prevent a fire at home and in the school, the following things can be done:

1. All electrical appliances must be kept far from flammable things like furniture, etc.
2. Turn off the gas supply of the stove after use.

Post Activity – Fire is both useful and dangerous. Explain giving 5 reasons for both.