

And last but not least, there must be oxygen from the atmosphere in order to react with fuel. Do you think that when combustions occur new substances are formed?

☐

But it is not always helpful and it can cause a fire without control. So, is there any way to stop combustion? Or to prevent it?

☐

Combustion (or burning) is an exothermic chemical reaction that produces energy in the form of light and heat. The most common form of combustion is fire. But... What is needed for combustion to happen?

☐

Of course, after combustion takes place products are formed like smoke and ash. Let's talk about advantages and disadvantages of combustion.

☐

Combustion needs three elements - heat, oxygen and fuel. Without heat, oxygen and fuel a fire will not start or spread. So, a strategy to stop or to prevent combustion is to remove one or more of these main elements.

☐

Secondly, heat or thermal energy must be added for combustion to take place.

☐

Combustion is incredibly important for us. We use it to keep warm, to cook, to move cars, ships and planes and to produce electricity.

☐

Firstly, in order for something to burn, there must be fuel. Fuel is any substance that burns, including wood, gas, oil, paper, etc.

☐