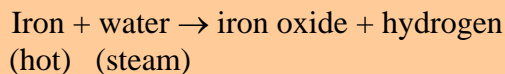


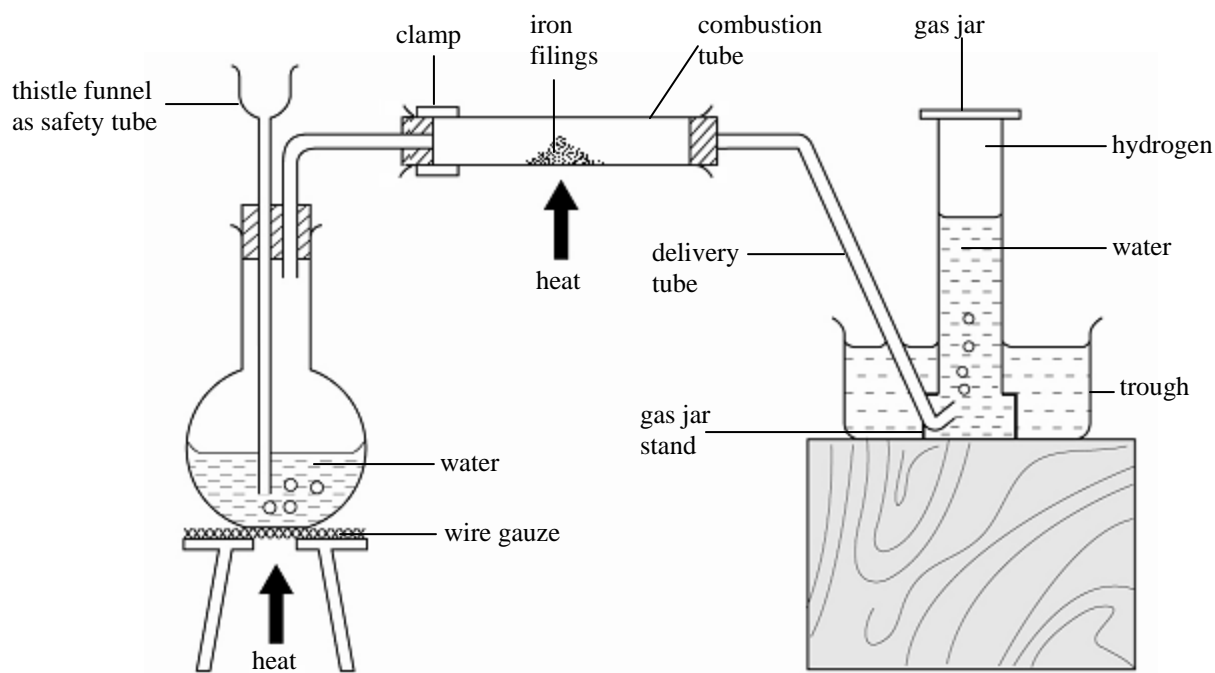
## CHAPTER 5: ENERGY AND CHEMICAL CHANGES

### Reaction of Iron with Water

1. Iron reacts with water, but the reaction is very slow. The reaction is faster if the iron is heated and the water is in the form of steam.



2. This experiment can be carried out using the apparatus shown in the diagram below.



*Reaction of iron with steam*