



## WORKSHEET E

### Stored Energy in Fuels

#### Group Experiment: What does a fire need to burn?

You have completed a group experiment using a candle and glass containers. You will now write down all the information about this experiment. This is called a scientific investigation.

Step 1: Write the topic.

Step 2: Formulate a question.

Step 3: Prediction. (Hypothesis). This is an educated guess of what you think will happen.

Step 4: Plan the investigation to test your hypothesis. List the materials that you are going to use. Will you use a control group?

Step 5: List the method (THE HOW)

Step 6: Collect and record your data: What happened?

Step 7: Analyse your data: evaluate and communicate your results. Was your prediction (hypothesis) correct? Why or why not?