

Start temperature

Fuel energies

Name _____

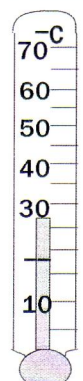
Results

Table of results to show the rise in temperature after heating for _____ seconds

Units	Ethanol	Hexane	Candle
Start temperature			
Finish temperature			
Difference (rise in temp.)			
Flame colour			

1. Which fuel (if any) gave the best temperature rise over the time period.
2. Draw a bar graph of the fuel types against rise in temperature.
Stick or attach it to the back of this sheet.
3. Complete the diagram.

Fill in the 2 blanks on the thermometer opposite and decide what temperature the thermometer is reading.



4. Hexane is a non-renewable source of energy while alcohol is classed as renewable. Candle wax can be either. Describe what is meant by renewable and non-renewable.
5. Below is a list of energy sources. Tick them as either renewable or non-renewable.

Energy source	Renewable (✓)	Non-renewable (✓)
Oil		
Wood		
Solar (Sun)		
Natural gas		
Wind		
Nuclear		
Coal		
Tidal		