



Attainment Band	<u>Science Skills</u> Knowledge and Understanding
Yellow/Yellow +	<ul style="list-style-type: none"> ● Be able to risk assess a method based on the equipment and techniques being used ● Link colour of the flame to complete or incomplete combustion ● Carry out an experiment to show the effect of resolution of scale ● Draw up a results table independently ● Follow the method independently to run the experiment and record results ● Identify categorical and discrete data ● Plot a bar chart of the results (independently) ● Evaluate the quality of the data produced ● Plot a line graph of the results (independently) ● Explain how anomalous data points are dealt with ● Prepare for an end of unit test by creating a mind map with minimal help. Use techniques such as chunking plus the use of words and pictures to create an aide memoire ● Develop exam craft -use BUSBY effectively to read, understand and scaffold a response to the questions ● Practise good exam technique in terms of timing and attempting all questions
Blue	<ul style="list-style-type: none"> ● Identify hazard symbols and handle labelled chemicals appropriately ● Become proficient in the use of a Bunsen Burner and achieve Bunsen burner licence ● Define accurate and precise – explain what is wrong with using the word amount ● Plan an investigation - Identify variables ● With some help carry out the experiment and record results ● Identify discontinuous and continuous data ● Plot a bar chart of the results (with minimal help) ● Link the conclusion to the relevant science theory ● Identify anomalous data points ● Prepare for an end of unit test by creating a mind map with some help. Use techniques such as chunking plus the use of words and pictures to create an aide memoire ● Develop exam craft -use BUSBY with some help to read, understand and scaffold a response to the questions <p>With visual reminders practise good exam technique in terms of timing and attempting all questions</p>
Green	<ul style="list-style-type: none"> ● Learn how to act safely in a laboratory and follow safety rules ● Label parts of a Bunsen ● Learn how to measure accurately. State some measurements and their units ● Plan an investigation - state a hypothesis ● With help carry out the experiment and record exemplar results ● Know when to plot a bar chart or a line graph ● Plot a bar chart of the results (with help) ● Write a conclusion based on experimental data ● Plot a line graph of the results (with help) ● Draw a line of best fit ● Prepare for an end of unit test by populating a revision summary sheet. Use techniques such as chunking plus the use of words and pictures to create an aide memoire ● Develop exam craft. - state what BUSBY stands for. Be able, with help, to apply it to reading, understanding and scaffolding a response to the questions ● With verbal and visual reminders practise good exam technique in terms of timing and attempting all questions
White	<ul style="list-style-type: none"> ● Some of the above elements have been achieved.