

Year 7		Year 8	
 <h2>How are my Science practical skills assessed?</h2>		<p>Working well above standard</p> <p>I can use scientific knowledge and preliminary data to collect precise/repeatable/ reproducible/valid data I can recognise why a risk assessment is necessary, and find and follow advice to help me control it. I can record data including repeats and averages I can draw lines of best fit on a line graph, and describe the qualitative relationship between the variables. I can analyse findings to draw conclusions which are consistent with my data and use scientific knowledge and understanding to explain them. I can consider whether I have collected sufficient data to support my conclusions.</p>	
<p>Working well above standard</p> <p>I can use scientific knowledge and preliminary data to plan a valid investigation. I can identify and control variables I use methods that collect precise, reliable and adequate data I can recognise risks and control them. I can record data and use it to choose scales for charts and graphs. I can analyse findings to draw conclusions which are consistent with my data I can use scientific knowledge and explain them, I can identify and suggest reasons for anomalous results. I can use evidence to inform improvements to my method</p>		<p>Working above standard</p> <p>I can use scientific knowledge and understanding to plan a valid investigation. I can identify and control variables I use methods that collect precise, reliable and adequate data I can recognise risks and control them. I can record data and use it to choose scales for charts and graphs. I can analyse findings to draw conclusions which are consistent with my data I can use scientific knowledge and explain them, I can identify and suggest reasons for anomalous results. I can use evidence to inform improvements to my method</p>	
<p>Working above standard</p> <p>I can obtain a suitable range of data including planning for repeats. I can use secondary information to inform planning. I recognise and make suggestions to control risk. I can use line graphs to present data, my teacher may have helped me to choose a suitable scale for this. I can interpret and draw conclusions from the line graph I can explain suggestions for improvements to my method. I can identify the independent and dependent variables in an investigation. I can identify anomalous results.</p>		<p>Meeting expected standard</p> <p>I can obtain a suitable range of data including planning for repeats. I recognise and make simple suggestions to control risk. I can use line graphs to present data, my teacher may have helped me to choose a suitable scale for this. I can interpret and draw conclusions from the line graph I can explain suggestions for improvements to my method. I can identify the independent and dependent variables in an investigation. I can identify anomalous results.</p>	
<p>Meeting expected standard</p> <p>I can select suitable equipment and methods to investigate a question based upon information provided. I can record my observations and measurements using tables of my own design I can draw bar charts, my teacher may have helped me to choose a suitable scale for this. I can relate my conclusions to patterns in data, including graphs, and to scientific ideas. I can suggest improvements to my work with reasons. I recognise obvious risks to myself. I can recognise the variables in an investigation.</p>		<p>Working towards expected standard PLUS</p> <p>I can select suitable equipment and methods to investigate a question I can record my observations and measurements using tables of my own design I can draw bar charts, my teacher may have helped me to choose a suitable scale for this. I can relate my conclusions to patterns in data, including graphs, and to scientific ideas. I can suggest improvements to my work with reasons. I recognise obvious risks to myself. I can recognise the variables in an investigation.</p>	
<p>Working towards expected standard PLUS</p> <p>I can suggest ideas for investigating a question based upon information provided. I can measure simple quantities (e.g. length). I can record my data in a table I can describe patterns in the data. I can suggest improvements for my work. I can follow instructions to control obvious risks to myself.</p>		<p>Working towards expected standard</p> <p>I can suggest ideas for investigating a question and recognise why it is important to collect data. I can measure simple quantities (e.g. length). I can record my data in a table I can describe patterns in the data. I can suggest improvements for my work. I can follow instructions to control obvious risks to myself.</p>	
<p>Working towards expected standard</p> <p>I can ask a scientific question With help I can carry out a fair, safe test using simple equipment. I can make observations I can record my data I can describe patterns in the data.</p>		<h2>What do I need to move up a level?</h2> 	