# What's your grade?

**If you are working at a grade C, you can…**

- Show a good knowledge and understanding of Science
- Use scientific words appropriately
- Use good Literacy skills
- Use simple equations, averages, percentages and decimals
- Know how scientific evidence is collected
- Say how scientific knowledge and theories are changed when we find new evidence
- Describe how and why decisions about the use of science are made
- Show that you understand risks and benefits of scientific advances, including some ethical issues
- Plan an investigation or solve a problem using your scientific knowledge
- Carry out practical tasks safely, using equipment properly
- Interpret the data you have collected
- Make suggestions to improve practical work
- Plot graphs, including a line of best fit
- Give conclusions that explain the evidence you have found

**If you are working at a grade A, you can…**

- Show a detailed understanding of science
- Use technical vocabulary appropriately
- Demonstrate clear communication skills
- Be able to rearrange equations and use standard form
- Understand relationships between data, evidence and scientific theories
- Explain how scientific theories can be changed by new evidence
- Apply scientific knowledge to a range of tasks and situations
- Plan a scientific task to solve a problem effectively
- Describe how, and why, decisions about the use of science are made; and use this knowledge in unfamiliar situations
- Have a good understanding of benefits and risks of scientific advances and identify related ethical issues
- Chose appropriate methods to collect scientific data safely and skilfully
- Interpret the data and present it appropriately
- Be able to calculate gradients of a graph and use appropriate axes and scales
- Use statistical methods to present data, including box plots and histograms
- Justify conclusions consistent with the evidence available
- Suggest improvements to methods used to make the evidence more reliable