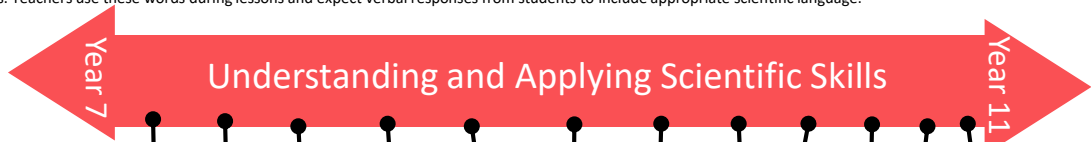


# Chemistry Learning Journey

We aim to create the very best scientists. We challenge students to think, act and speak like those working in the field would.

We do this by using effective questioning techniques in each lesson to push our students to think beyond their first response. They are expected to carry out practical work in e: is appropriate, in a responsible manner and record data effectively in order to be able to analyse it and draw conclusions from it. Keywords are vital in Chemistry and are provided on each topic checklist in an unambiguous manner in order to allow students to recognise them. A glossary of terms is also provided to help any students who may need further clarification on the meaning of the keywords. Teachers use these words during lessons and expect verbal responses from students to include appropriate scientific language.



- Understanding variables
- Writing methods
- Analysis of secondary data
- Assessing impact of scientific concepts
- Modelling scientific concepts
- Understanding relationships between science and society
- IDEAL Identify, describe, explain, apply, link
- Risk Assessment
- Describe patterns
- Drawing graphs and analysing graphical data
- Drawing conclusions
- Applying maths to the scientific concepts

