



Gordon's School Chemistry Department



Key Stage 3 - Curriculum Map

Key Skills:

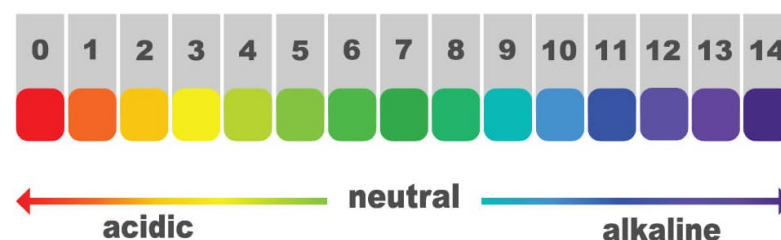
- Planning investigations
- Identifying variables
- Developing experimental skills
- Recording data – tables and graphs
- Data analysis
- Data evaluation

Key Terms:

- Accuracy
- Control variable
- Dependent variable
- Error
- Independent variable
- Precision
- Prediction
- Repeatable
- Reproducible
- Variable

Command Words:

- Calculate
- Compare
- Complete
- Describe
- Explain
- State
- Suggest
- Use



Year 9

Science Enrichment Project

Use your scientific know-how to solve a real-world problem with your team.

End of Year 8 Exams

C4 The Earth

Where do we get the materials we need? What is the Earth made of?

C1 The Periodic Table

Learn how to use the Periodic Table to predict the behaviour of the chemicals around us.

C2 Separation techniques

Practice experimental techniques that help us get materials and chemicals we need.

C3 Metals and acids

How can we use chemical reactions to our advantage? Learn about reactivity of different metals.

Year 8

Working scientifically and science enrichment

An exciting series of experiments that go beyond!

End of Year 7 Exams

C4 Acids and alkalis

Why can we eat some acids or brush our teeth with alkalis, yet others would cause damage to our bodies?

Year 7

C1 Particles and their behavior

Learn about how atoms make up everything on Earth, and beyond!

C2 Elements, atoms, and compounds

What are chemicals really like, and why do they behave the way they do?

C3 Chemical reactions

Explore how chemical reactions make vital materials and transfer energy.

