



Northampton International Academy

Science Curriculum Overview



Why Teach Science?

Science enables students to make informed decisions and choices throughout their lives. By fostering and maintaining a curiosity throughout their education, our students will be able to:

- Understand how the world around them works
- Adapt to a life in the modern world
- Experience and share the cultural capital that Science provides
- Show resilience when solving problems
- Decipher fact from fiction by learning how to look for reliable sources of information.

Our Common Teaching approaches

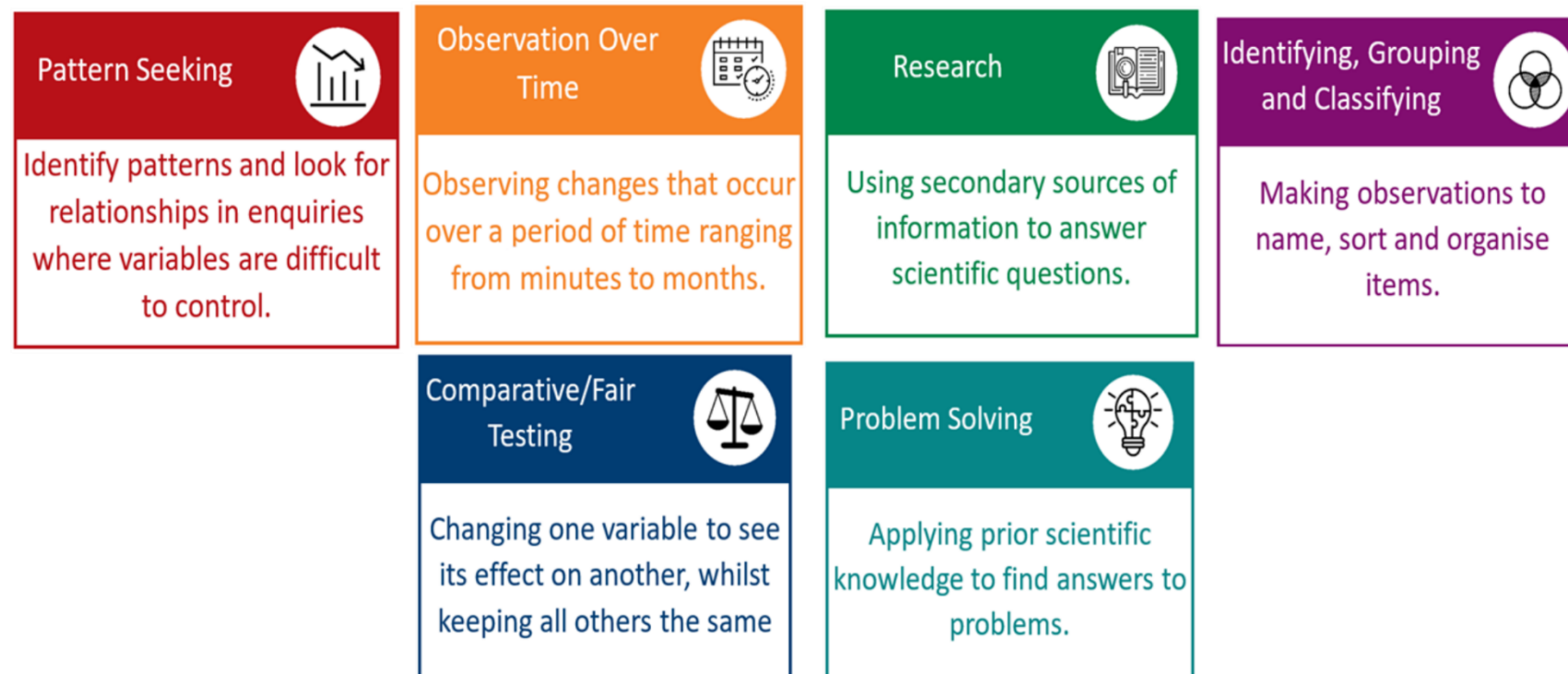
- Retrieval starters every lesson
- Cold calling to make sure everyone is learning
- Modelling new information and skill

The 9 Big Ideas of the Science Curriculum

Curriculum maps detail the sequencing of substantive knowledge from the disciplines of biology, chemistry and physics to enable pupils to build schemata of important concepts over time through nine 'big ideas'



Scientific Enquiry Approaches we use to develop disciplinary knowledge



Scientific Enquiry Skills we develop

