

Islip Manor High School

Scheme of Learning Overview



This scheme of learning has been designed to ensure that you make progress, develop, and master key knowledge, skills, and ideas through academically rich content that reflects, values, and celebrates the diverse experiences, identities, and contributions of our school community.

Year group: 10 (Foundation)	Term: Summer	Unit duration: 1 week	Unit title: Unit 11b - Proportion		
Unit assessment: End of Unit Assessment					
Fertile question: Why do exchange rates change?					
Key skills/concepts/knowledge that students should cover			Start RAG	End RAG	Literacy. Key vocabulary/subject terminology that students should cover:
<ul style="list-style-type: none"> • Understand and use proportion as equality of ratios • Solve word problems involving direct and indirect proportion • Work out which product is the better buy • Scale up recipes • Convert between currencies • Find amounts for 3 people when amount for 1 given • Solve proportion problems using the unitary method • Recognise when values are in direct proportion by reference to the graph form • Understand inverse proportion: as x increases, y decreases (inverse graphs done in later unit) • Understand direct proportion ---> relationship $y = kx$. 					Proportion Direct Indirect Inverse Currencies Unitary Method
Stretch. Key skills/concepts/knowledge that students should cover					
Apply knowledge and skills to exam-style questions.			Suggested materials teachers could/should use: Mathsbox, corbettmaths, mathsgenie, DrAustinMaths Mini whiteboards Key home learning tasks students should complete: SPARX Maths		