

Science Knowledge Building 1

Know that different surfaces affect the way things move	Know how to record a simple conclusion for a moving object experiment	Know how to order objects by speed or distance in a moving objects experiment	Know and understand the terms 'surface', 'launch', 'transporter' and 'compare'	Know simple ways in which the speed of a moving object can be increased / decreased	Know how to measure distance travelled by a moving object (Maths)
Understand the force of push and pull to increase speed	Know how to make a simple prediction for a moving object experiment	Know which objects move fastest in a moving objects experiment	Know and understand the terms 'push', 'pull', 'faster' and 'slower'	Know that being able to increase / decrease the speed of a moving object has important benefits in real life situations e.g. a car	Know how to build a simple transporter (Design Technology)
Identify simple processes and explain in basic terms how they happen	Know the key parts of a simple scientific method	Know how to use simple equipment in observing and recording	Understand some vocabulary linked to specific area of science e.g. animals - species	Know that science is used in a range of everyday situations, both in and outside the classroom	Identify clear connections between science, technology and mathematics for basic experimenting
Processes and Changes	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)

Land Ahoy!