

Year 5 Keeping Warm

Previous Learning: Year 1 Everyday Materials Year 2 Uses of Everyday Materials		
Words I need to know for this topic:		By the end of this topic I should know how:
Thermal insulator Thermal conductor Insulate Conduct	A material that doesn't let heat pass through it. A material that lets heat pass through it. To keep heat in. When heat travels through a material.	To use a thermometer to make careful measurements To understand that the temperature of an object will change to that of its surroundings To understand the importance of insulation To explore materials which may be used as an insulator Describe the features of a good insulator
		By the end of this topic I should be able: To plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary To take measurements, use a range of scientific equipment, with increasing accuracy and precision, take repeat readings when appropriate To record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs To use test results to make predictions to set up further comparative and fair tests To report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations To draw conclusions based on their data and observations, use evidence to justify their ideas, and use their scientific knowledge and understanding to explain their findings Critically evaluate the quality of the design, manufacture and fitness for purpose of their products as they design and make
Our Scientist is:		Anything else interesting I have learned:
Future learning: Key Stage 3 Physics		