

Unit at a glance

Material world

Phase	Lesson	At a glance
ENGAGE	Lesson 1 Curious clothes Session 1 Fanciful fiction Session 2 Gripping gloves	To capture students' interest and find out what students think they know about the properties and uses of materials in everyday life. To elicit students' questions about the properties of materials and how they relate to use.
	Lesson 2 What a rotter Session 1 That's not fair! Session 2 Rot or remain?	To provide hands-on, shared experiences of fair testing. To provide hands-on, shared experiences of the decomposition of materials.
EXPLORE	Lesson 3 Leak, soak or repel?	To provide hands-on, shared experiences of the absorbency of materials.
	Lesson 4 Snap, tear or stretch?	To provide hands-on, shared experiences of the tensile strength of materials.
EXPLAIN	Lesson 5 Choosey consumers Session 1 Bags of fun Session 2 Puzzling plastics	To support students to represent and explain their understanding of the properties of materials and how they relate to use. To introduce current scientific views about the properties and use of materials.
	Lesson 6 Investigating insulation	To support students to plan and conduct an investigation of the thermal insulation capacity of materials.
ELABORATE	Lesson 7 Material matters	To provide opportunities for students to represent what they know about the properties of materials and how they relate to use and to reflect on their learning during the unit.