

Unit at a glance		Smooth moves
Phase	Lesson	At a glance
ENGAGE	Lesson 1 Games galore	To capture students' interest and find out what they think they know about how forces can be exerted by one object on another through direct contact or from a distance To elicit students' questions about different-sized forces and their effect
EXPLORE	Lesson 2 Making moves	To provide hands-on, shared experiences of different-sized forces acting on an object
	Lesson 3 Feeling friction	To provide hands-on, shared experiences of friction (a force which acts through direct contact)
	Lesson 4 Faraway forces	To provide hands-on, shared experiences of gravity (a force which acts at a distance)
EXPLAIN	Lesson 5 Figuring out forces	To support students to represent and explain their understanding and observations of how different forces affect the movement of objects, and to introduce current scientific views
ELABORATE	Lesson 6 Catapult capers	To support students to plan and conduct an investigation to compare the effect of different sized forces on the motion of objects
EVALUATE	Lesson 7 Forces finale	To provide opportunities for students to represent what they know about how forces can be exerted by one object on another through direct contact or from a distance, and to reflect on their learning during the unit

A unit overview can be found in Appendix 9, page 67.