

Environmental Studies 5–14	Developing informed attitudes
Class teacher.....	• A commitment to learning
Session.....Wks...../.....	• Respect and care for self and others
Primary 1 – Unit 3: Energy and Forces	• Social and environmental responsibility

Knowledge and understanding to be developed		Skills in science: investigating (highlight focus for assessment)	
Forces and their effects Developing an understanding of forces and how they can explain familiar phenomena and practices	Pupils are able to: • Give examples of pushing and pulling, floating and sinking.	Preparing for the task Understanding the task and planning a practical activity Predicting Undertaking fair testing	A1 make suggestions and contribute to the planning of simple practical explorations
		Carrying out the task Observing and measuring	A2 carry out simple observations and measurements
		Recording findings in a variety of ways	A3 record observations in a simple form
		Reviewing and reporting on the task Reporting and presenting	A4 participate in the presentation of the findings through visual display and oral reports
		Interpreting and evaluating results and processes	A5 answer simple questions about what happened

From an A5 leaflet, page 1

Key question	Activities
<p>What is a push?</p> <p>What is a pull?</p> <p>What effect does this force have on objects?</p>	<ul style="list-style-type: none"> • Identify types of force (push or pull) needed to move certain objects/putting on different items of clothing. • Sort objects/toys into appropriate sets. • Test movement of objects in relation to strength of push/pull. • Measure distance travelled. <p>DIA</p> <ul style="list-style-type: none"> • Understand the need for the safe use of force.
<p>What can you move by turning?</p>	<ul style="list-style-type: none"> • Identify objects that move in different ways, e.g. twisting. <p>DIA</p> <ul style="list-style-type: none"> • Handle toys with care and respect.
<p>What is floating?</p> <p>What is sinking?</p>	<ul style="list-style-type: none"> • Identify objects that float. • Identify objects that sink. <p>DIA</p> <ul style="list-style-type: none"> • Water safety

From an A5 leaflet, page 2 (double-page spread – left)

