

Erosion of Rocks - Teachers



		Notes
Technician	<ul style="list-style-type: none"> ◆ class set of plaster Paris Cubes (ice cube tray) ◆ containers for shaking ◆ stop clocks ◆ pan balance 	R.A – glass could break (plastic containers do not have as great an effect)
Teacher	<ul style="list-style-type: none"> ◆ Rocks are eroded by the constant smashing and rolling ◆ This experiment shows the effect of the smashing of a rock continuously (rocks are simulated by plaster of Paris cubes) ◆ The bits of rock that are broken off become what we know as sand (simulated by the powder in the jar) ◆ Pupils can use the excel spreadsheet to plot a graph of mass against time or the worksheet provided 	
	<ul style="list-style-type: none"> ◆ The series of photographs show the stages in the experiment ◆ They can also be used for points of discussion after the experiment <ul style="list-style-type: none"> -what caused the shape to change -where has the powder come from -what happened to the mass of the rock 	<ul style="list-style-type: none"> ◆ Use a projector to show photographs ◆ Use the images to build a power point presentation