



	Manganese nodules (Milos Island, Greece)
	Fossil oyster about 10 million years old (Cyprus)
	Fossil brachiopods about 90 million years old (France)
	Fossil wood about 12 million years old (Derbyshire)
	Grey rock full of fish poo and occasional teeth about 205 million years old (Gloucestershire)
	Quartz dominated hydrothermal deposit with gold pyrite/arsenopyrite crystals (Lake District)
	Banded tuff- igneous rock with layers of ash (Cumbria)



	<p>Coal formed around 300 million years ago (Beamish)</p>
	<p>Trilobite fossil about 417 million years old (Morocco)</p>
	<p>Dinosaur coprolite (fossilised poo) about 142 million years old (USA)</p>
	<p>Fossilised wood about 163 million years old (Dorset)</p>
	<p>Fish coprolite about 354 million years old (Scotland)</p>
	<p>Fish fossil about 54.8 million years old (USA)</p>
	<p>Mystery rock!</p>
	<p>Digital microscopes x 18 (batteries not included)</p>



NUSTEM activities to complement this box



Fruit chew rock cycle:

<https://nustem.uk/activity/fruit-chew-rock-cycle/>

Use chewy sweets to create sedimentary, metamorphic, and igneous rocks.



Make a fossil:

<https://nustem.uk/activity/make-a-fossil/>

Find out how real fossils are formed by fossilising your own toy or object using plaster of Paris or flour.



Impact craters:

<https://nustem.uk/activity/impact-craters/>

Impact craters are formed when rocks crash into the surface of a planet or a moon. You can investigate your own impact craters by dropping different sized balls into sand.





Books for this topic
