

**Video question script: Journey to the centre of the Earth – on a toilet roll**

Question/Activity	Likely response	Rationale
A demonstration of the relative scales of the different elements of Earth's structure through the 'Journey to the centre of the Earth – on a toilet roll' ' Earthlearningidea		An exploration of Earth's structure
Ask the pupils in groups to follow the Earthlearningidea recipe to draw the different elements of Earth's structure onto a toilet roll with at least 64 sheets of paper		
When complete, ask the pupil groups to demonstrate to one another their models of the Earth's structure		Bridging: from the model to the Earth's structure
Ask them: In doing this exercise, what did you find most surprising?	<ul style="list-style-type: none"> <li>• Many will respond that they found the relative thinness of Earth's crust most surprising</li> </ul>	Metacognition: thinking about their thinking
Ask: How could the model be improved?	<p>They may suggest:</p> <ul style="list-style-type: none"> <li>• adding more detail (such as the solid/liquid states of the different layers or their densities)</li> <li>• drawing the model onto different materials to be stronger for exhibition, e.g. wallpaper</li> <li>• hanging the model vertically rather than horizontally</li> </ul>	

Note: The lithosphere/asthenosphere boundary is at a greater depth beneath mountain roots, but is shown at its normal depth in this model.