

Video question script: Continental jigsaw puzzles

Question/Activity	Likely response	Rationale
Exploring the matching continent evidence for plate tectonics using 'The continental jigsaw puzzle' Earthlearningidea		Examination of the matching continents evidence for plate tectonics
This activity can be run in different ways. We have found that the most successful way is to give out envelopes containing different cut outs to small groups of pupils and ask them to reassemble the continents. Some groups will find this much harder than others, at which time you explain that they have actually been given different exercises – since some cut outs have different 'pictures' on the jigsaw puzzle whilst others are blank		Concrete preparation: explain that they are asked to take the pieces of the jigsaw puzzle from the envelope and reconstruct the continent Construction; seeking patterns is a construction activity There may be cognitive conflict when some groups find that other groups have completed the task more quickly than others
Then explain and illustrate how the 'jigsaw puzzles' should be reconstructed		
Link the plate models to the map of the plates, and continents today		Bridging: to the present day
Note that this activity shows that the more clues you have, the easier it is to construct a pattern		