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EARTH SCIENCE HOMEWORK

Pupil Name

The Two Rock Cycles at Boulmer.

1. SUMMARISING THE ROCK CYCLES:

FIRST CYCLE: deposition. What can you say about the deposition of the older beds on the foreshore HINTS: Evidence for deposition; fossils, grain size etc.

FIRST CYCLE: uplift and tilting. What can you say about the changes to the beds cause by plate tectonics? HINTS: tilting, faulting, intrusions etc.

SECOND CYCLE: weathering and erosion. What evidence of present day weathering and erosion have you seen on the foreshore?

SECOND CYCLE: sediment transport. What evidence have you seen for the different ways sediments are being transported on the foreshore today?

SECOND CYCLE: deposition. What kinds of modern deposits have you seen and what rock types might they form in future? HINT: Don't forget plant and animal evidence – and which parts might survive as fossils.

