



What fieldwork are we doing at Felixstowe?

We are going to take part in some field work.

This is where Geographers carry out an investigation or experiment just like you might do in Science, except we don't experiment and investigate in the laboratory, we do it in the real world in a real landscape.

Our investigation starts like Science with a hypothesis.

Our hypothesis is that Felixstowe beach is a beach that is eroding, this means the sea is taking away more material than it deposits.

Our 2nd hypothesis is that the management techniques at Felixstowe beach have changed the shape of the natural beach.



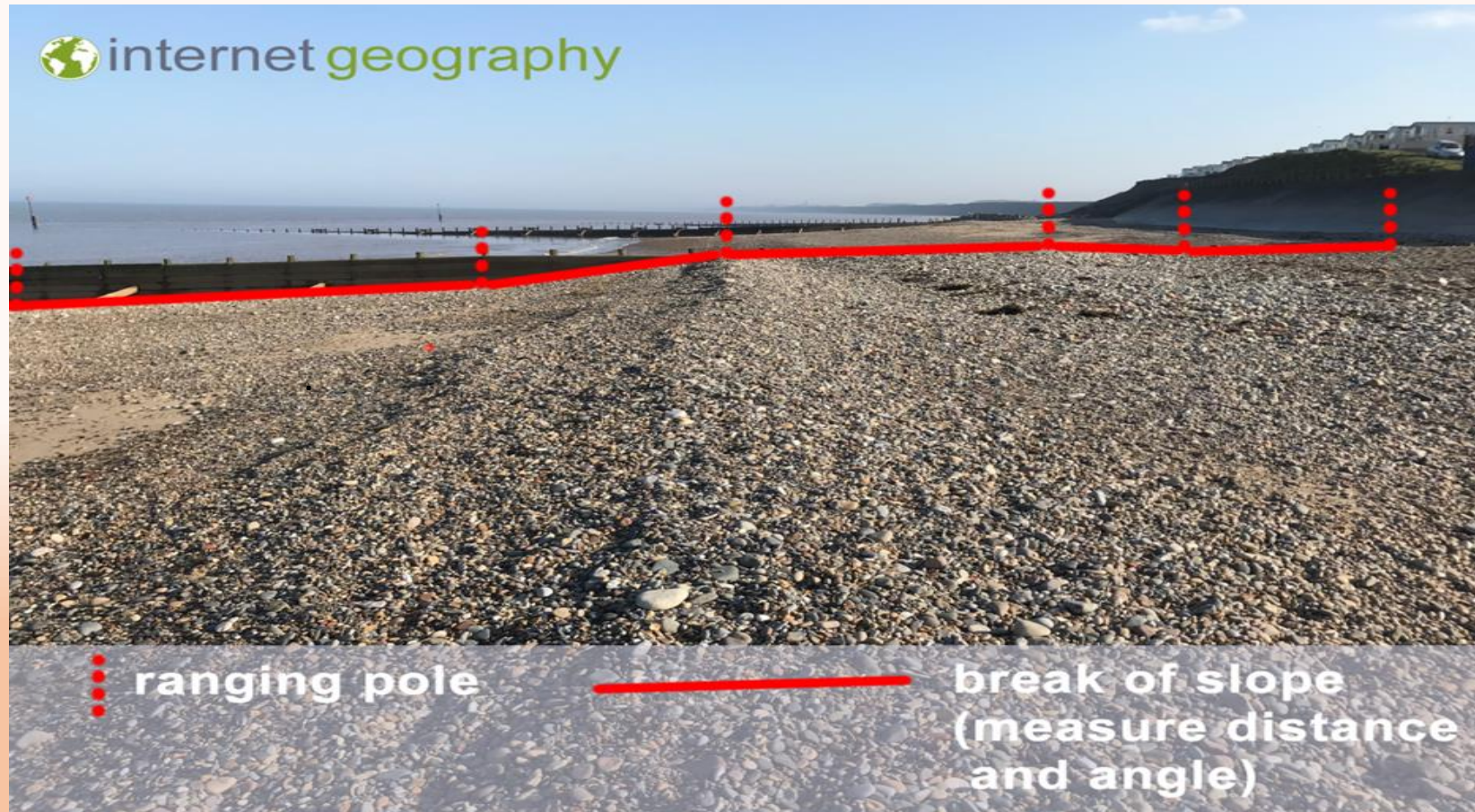
As a Christian school we recognise the unique and wonderful in everyone. As a community we support one another to flourish, and live life in all its fullness.

What fieldwork techniques are we going to use to find out whether our hypotheses are true or false?

To help us find out about Felixstowe we are going to carry out the following investigations:

- A beach profile on the beach
- Long shore drift direction and speed.
- Feet test which is stronger swash or back wash.
- Sketch of the shape of the bay between two stone points.

What is a beach profile?



Is Felixstowe beach destructive? More Back wash than swash?



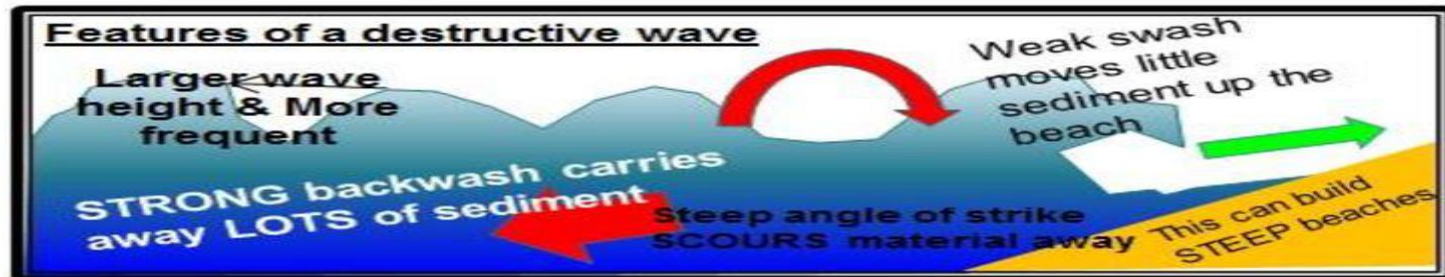
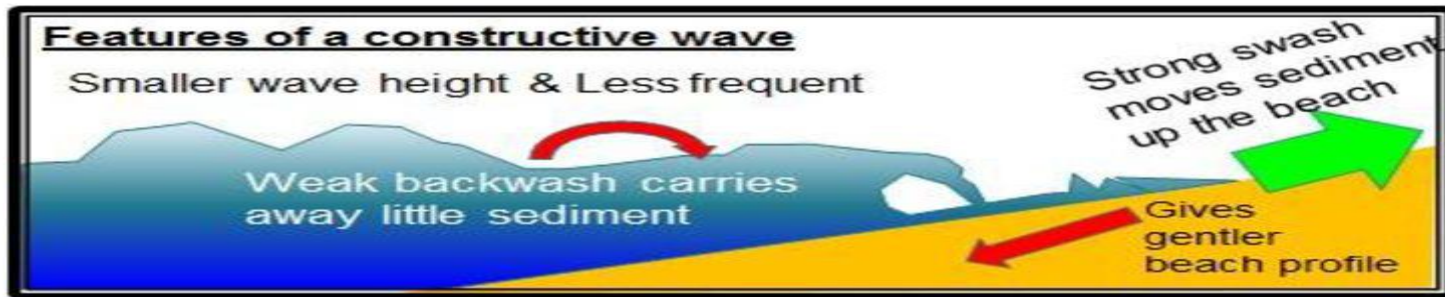
Destructive waves mean steep, stepped beach caused by waves pulling sediment off the beach



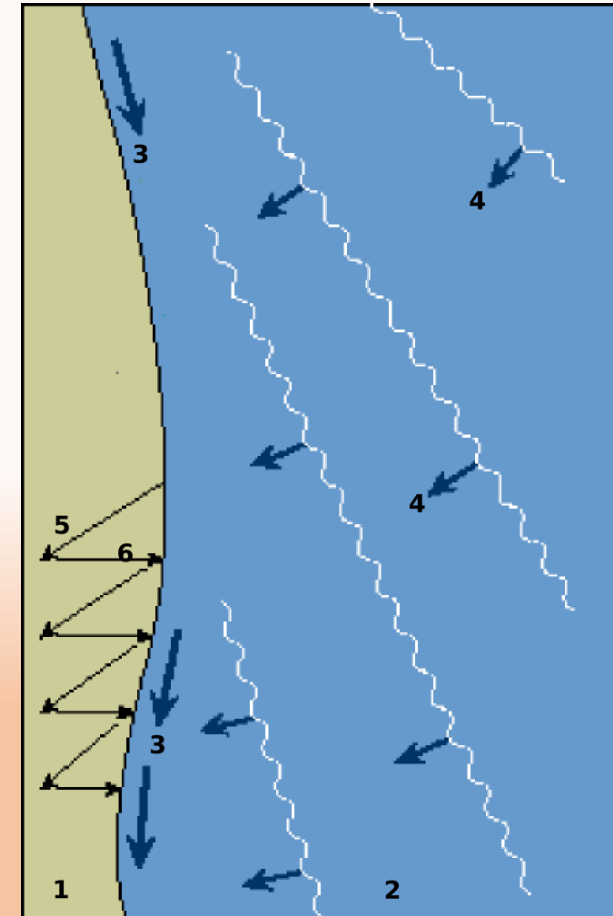
Constructive waves mean wide, flat and usually sandy beaches as waves deposit sediment on the beach



What type of wave is at Felixstowe? Using our feet to find out !



How is material transported along the beach?



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