



## CZYTAMY PO ANGIELSKU

### Why do waves curl up

Why do waves curl up on top as they approach the shore?

Near the shore the water is shallow. The water at the bottom of the wave is slowed by friction against the sand below, causing the upper layers of the wave to „outrun” the lower layers. As the uppermost layers run past the layers below, they are no longer supported by the water below and fall because of gravity. And so the wave curls.



B320, *Quantum*, Volume 11, Number 4, March/April 2001.

#### Dictionary:

**wave** – fala

**shore** – brzeg

**shallow** – płytki

**slowed** – spowalniana

**friction** – tarcie

**layer** – warstwa

**supported** – podtrzymywany

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