Wave

Think

- Where might this be?
- Is it near to where we are now?
- What is the weather like?
- What caused the wave?
- How can we tell the size of the wave?
- How might it feel to be in the sea when this wave breaks?

Respond

Lots of poems have been written about waves and the ocean. Write a poem that conveys the movement of the waves?

Reimagine

Draw your own wave. How are you going to capture the action?

Discuss

Is the ocean alive? Why do we need to respect the ocean?

Solve

The height of this wave is 28.6m. What is the height in cm? What is the height in mm?

The next wave to break reached a height of 1940cm. What height was this as a percentage of the first wave to one decimal place?

Discover

Fact: The highest wave ever recorded was during a tsunami in 1958 in Alaska - it was over 34m high.

Question: Can you find something that is 34m high to get a sense of the scale? Perhaps a building or a number of large objects or animals stacked on top of each other?

Wave **Answers**

What is the height in cm?	What height was this as a percentage of the first wave to one decimal place?
28.6 × 100 = 2860cm	1940 ÷ 2860 = 0.678 0.678 × 100 = 67.8%
What is the height in mm?	
28.6 × 1000 = 28 600mm	