

## GCSE Physics B (Twenty First Century Science) J259/02 Depth in physics (Foundation Tier)

**Question Set 30** 

Water is used as a coolant in heating systems because it has a high specific heat capacity.

Nina does an experiment to find the specific heat capacity of water, by heating 1 kg of water in a 2.4 kW kettle.

The kettle takes several minutes to heat the water to its boiling point.

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## **Total Marks for Question Set 30: 12**



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