Use the exclusive schools unlock code (1843SCHOOLS) to open all levels and get unlimited funds.

**Science:**

Level: MASTER
Challenge: CRUISE CONTROL

Based on passenger diaries, it has been calculated that on its 24th voyage, the SS Great Britain travelled approximately 12,150 nautical miles from Liverpool, England to Melbourne, Australia, via South Africa (1.852km = 1 nautical mile).

This challenge encourages pupils to design a ship to travel from Liverpool to Melbourne as quickly as possible. Can your pupils calculate the speed of their ship in km/hr? Explore the forces acting on their ship, what is needed to get their ship moving, what affects the speed of the ship? Whose ship is the fastest, and why?