

Props for lesson openings

Empty cardboard box

- Design and technology – to build a boat or a car.
- Drama – as a television screen with the pupils acting inside.
- Mathematics – flattened out to use as a template for making a cube.
- English – closed and sealed as an inspiration for a story ('What's in the box?').

Ball

- Science – as an atom to demonstrate heat transfer; passing the ball for conduction, and throwing the ball for radiation.
- Mathematics – working out the area of a sphere.
- English – describing the game of football to an alien.
- Science – using different sized balls to represent the planets.

Pack of cards

- General – giving one card to each pupil, to indicate who should answer the teacher's questions ('Two of clubs, answer this question', 'Queen of hearts, answer this please').
- Mathematics – working out the probability that the next card is a particular number or suit.
- Design and technology – building the tallest possible tower of cards.
- Art – creating new designs for each suit, or for the royal cards.