

# Time to grow your brain!

Try these great Da Vinci boredom bashers. Put your thinking cap on. Ready...steady...go!

## Wonderful Workings Quiz

**1.** What force does your body make to keep a hula hoop spinning ...?

- a) Centripetal
- b) Magnetic
- c) Frictional
- d) Gravitational

**2.** Which part of a tent ensures it stays attached to the ground...?

- a) The tent poles
- b) The guy ropes
- c) The fabric cover
- d) The rainfly

**3.** A bike helmet is made from what material ...?

- a) Helmet fibre
- b) Carbon fibre
- c) Safety fibre
- d) Glass fibre

**4.** What is wind made of ...?

- a) Your breath
- b) Nothing
- c) Lots and lots of gas molecules
- d) Dried water

**5.** When a plane is ready to take off, what does the pilot do first ...?

- a) Push the thrust levers forward
- b) Pull the thrust levers back
- c) Press the start button
- d) Flip the fly switch

Find out more about how things work in **Do You Know**, on Da Vinci!

Answers: 1 ⇨ a. 2 ⇨ b. 3 ⇨ b. 4 ⇨ c. 5 ⇨ a.

