

## 2 WHERE IN THE WORLD IS OUR WATER?

**1.** Fill the bucket - this is all the water in the world. Ask students where it would be (e.g. rain, rivers, snow, soil, oceans). Ask them to estimate what percentage of water in the world is salty. Let anyone have a guess.

**2.** Take the bottle and fill it  $\frac{3}{4}$  full of water and explain that 97% of earth's water is salty (i.e. water left in the bucket - turn around so correct label shows). Explain that we need to drink freshwater to survive. 3% of earth's water is fresh, but some is frozen! Ask students to estimate what percentage of freshwater in the world is frozen.

**3.** Take the glass and pour a third of the bottle water into it, and explain that two thirds of the world's freshwater is frozen in ice and snow (i.e. water left in the bottle - turn it around). Ask students where they think the 1% of liquid and vapour freshwater is (i.e. the water in the glass; e.g. rivers, clouds, underground etc).

**4.** Fill the teaspoon from the glass. Tell students the water left in the glass is underground in streams and aquifers (0.7% - turn it around). The only liquid freshwater above the ground and available for drinking is in the spoon!

Challenge the students to pass the teaspoon from person to person so that it passes through everyone's hands before it comes back to you. Explain that this water has to be shared around every animal and person in the world and it's not much so we have to look after it! Note how much water was lost, then drink the rest.

