

Plastic: Key Stage 2

Student activities

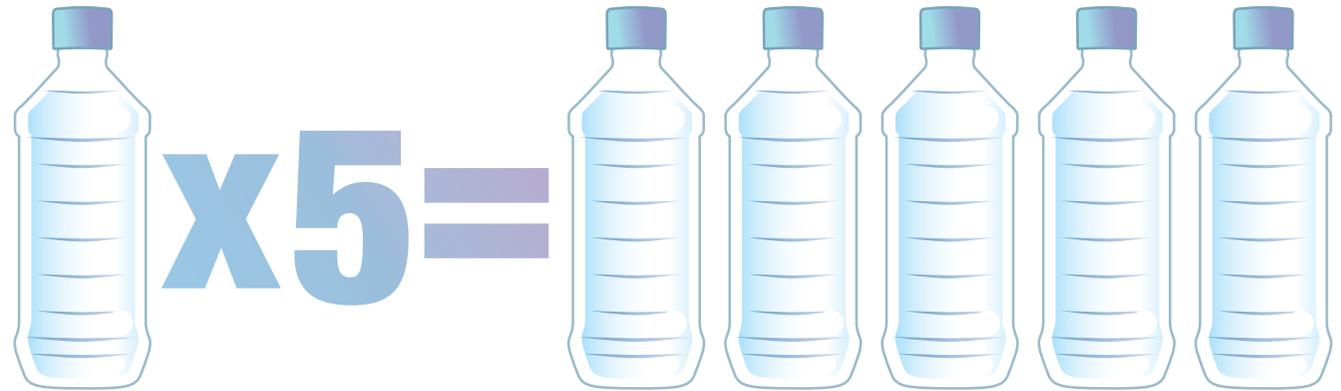
SUPPORTED BY



How many bottles?

Riverview School is Healthy Eating School and encourages all the children to bring water to school everyday.

If James brings a new bottle of water everyday he will use up 5 in a school week.



15
There are 15 weeks
in a school term.
How many plastic bottles
will he use up?

3
There are 3 terms
in the school year.
How many will he
use up?

300
If all the 300 children in Riverview
School did the same as James
how many bottles would they use
up in one school year?

Can you think of anything that James and his school friends could do to reduce their use of plastic bottles?

What do you think you could do in your school?

Take a guess.



How long do you think it takes for plastic bottles to break down in landfill sites?

- Around 5 years
- Around 50 years
- Around 500 years



Recycling one plastic bottle can save enough energy to power a 60-watt light bulb for how long?

- 1 hour
- 6 hours
- 12 hours

What proportion of plastic bottles end up in landfill?

- 1 out of 10
- 4 out of 10
- 8 out of 10



It takes how many 2 litre plastic bottles to make one fleece?

- 25
- 250
- 500

Plastic challenges

See how long you can go without using any new plastic bags.

- Think twice about taking a plastic bag if you buy something that is easy to carry.
- Keep canvas bags with you so you always have them available when you go to the shops.
- Ask your favourite shops to stop providing bags for free, or to offer a discount for not using the bags.
- Invite local politicians in to your school and ask them about introducing laws to charge for plastic bags or ban them.

Design a bottle

Design a reusable bottle for the 8-12 year age group.

Think of the most suitable material and add any additional ideas you have which might make the bottle more useful.

Draw your design and label any special features.