



Do you know it takes a regular cool drink bottle 450 years to break down? The problem with that is that until it does it can cause problems with litter as well as causing problems for birds, fish and animals.

The same is true of single use plastics.

ECO-BRICKING



Why Eco-Brick?

Then God blessed them and said, “Be fruitful and multiply. Fill the earth and govern it. Reign over the fish in the sea, the birds in the sky, and all the animals that scurry along the ground.” (Gen. 1:28). And “The Lord God placed the man in the Garden of Eden to tend and watch over it.” (Gen. 2:15).

It is clear from the book of Genesis that God has given all humans a job to do... To care for his creation and everything that ‘scurries’ around in it.

God commands us to look after this amazing gift that he has given us (our planet / our world / our environment).

Eco-bricking is just one of many ways that we can do our jobs as children of God.

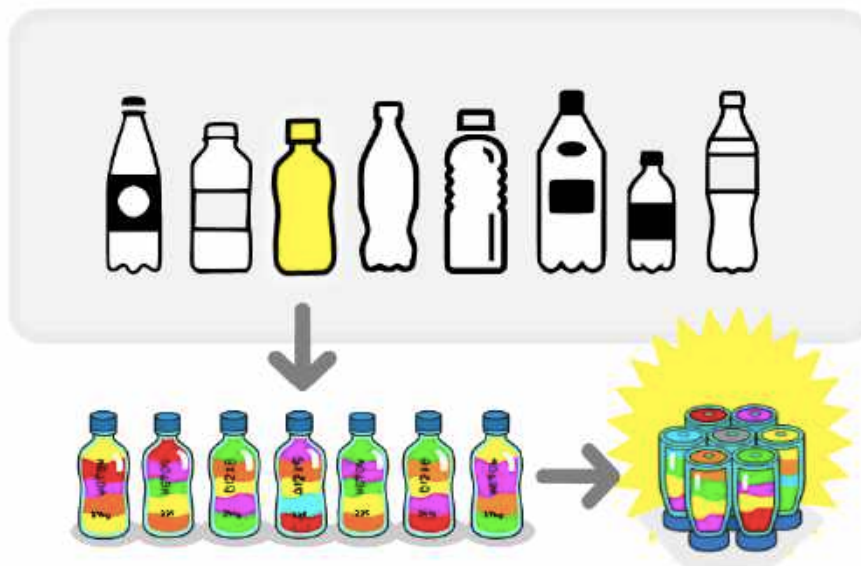


1. Save, Segregate, Clean & Dry Plastics



Only use **clean** and **dry** plastics that can be easily stuffed into a bottle.

2. Choose your bottle



You can use any plastic bottle. Kids generally do better with smaller bottle. Don't go any larger than **1.5 litres**.

3. Get your stick ready



You can use any **stick** to press all of the plastic down into the bottom of your Ecobrick.

4. No glass, metal or biodegradables



Don't use materials that are easily recycled in other ways.

No metal, no paper, no glass, no food stuffs.

5. Start by adding a bottom color



It's nice to have a solid colour at the bottom of the Eco-Brick.

6. Pack the bottle tight, mixing plastics as you go



Mix up the colours and mix up the different types of plastics that you've collected.

Use your stick to press it all down hard.

7. Weigh your Ecobrick to ensure quality

GEA Standard Minimum Density = 0.33 g/ml

An Ecobrick's Min Weight =
 it's bottle volume x 0.33

GEA Recommended Max density 0.7 g/ml

For Example...
 1500ml = min weight 500g
 600ml = min weight 200g

You're going to need to pack your bottle hard down to make sure that it's useable.

If you can squeeze it, then you know it's not packed down hard enough.

8. Cap



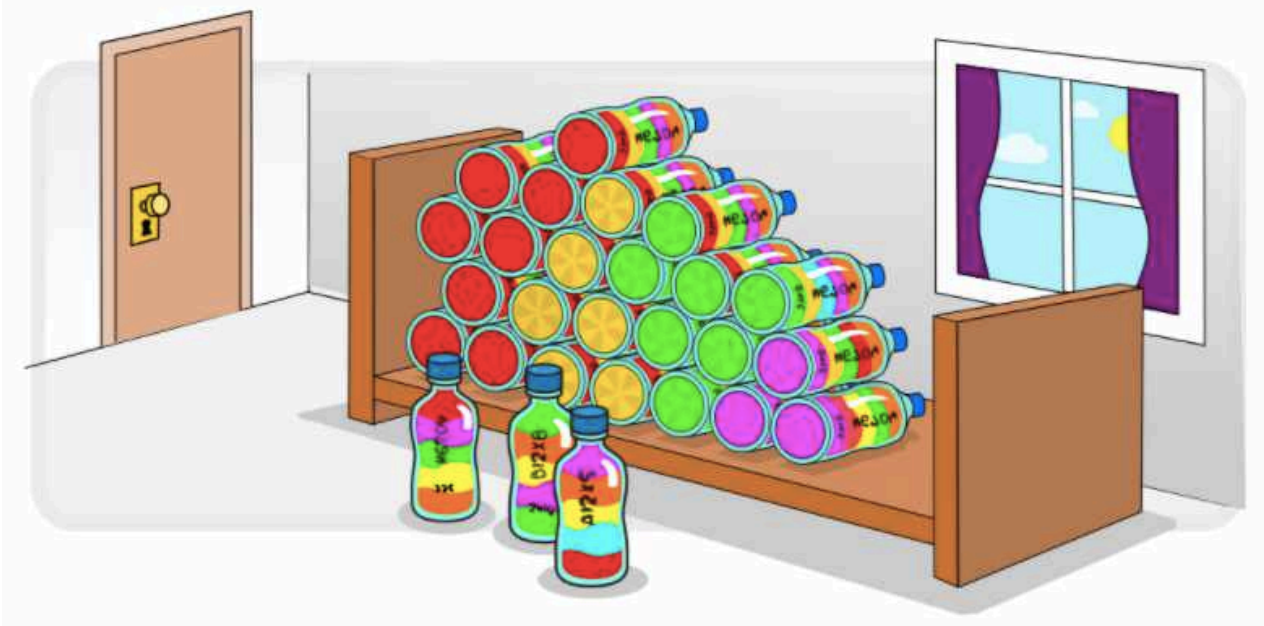
When your bottle is so full that you can no longer squeeze it, put the lid on.... And bring it to school for sending on to where it needs to go.

9. Inscribe



Sign your Ecobrick and make a note of the weight - Use a permanent marker or paint.

10. Store your ecobrick



If you need to store Ecobricks, before they get passed on for use, make sure you store them horizontally and off the floor.