



QUIZ answers

1. **What are the 3 R's?** C) Reduce, Reuse, Recycle
2. **What does linear economy mean?** Everything made is used and then disposed, very little is recycled.
3. **What does circular economy mean?** Trying to keep the resources within the loop for as long as possible, at the end of an item's life the resources are recycled and recovered to be turned into something new.
4. **What is plastic made from?** A) Oil

Round 2: Recycling

1. **How much rubbish is recycled in Devon (2018/19)?** B) 56% (DCC)
2. **How many tonnes of rubbish are thrown away from households in Devon every year?** D) 400,000 (DCC)
3. **On average each person in the UK throws away their one body weight in rubbish?** A) once every 7 weeks
4. **What is the % of plastic bottles recycled each year in the UK?** C) 17% (The Plastic Company)
5. **How much of our black bin bag waste could have been recycled or composted?** D) 80% (FAO)

Round 3: Resource Box– complete after the PowerPoint presentation

1. **How long does it take for Coastal Recycling to turn green waste into compost?** A) 3 months (Coastal Recycling)
2. **How many plastic bottles do you think it takes to make one Plastic Company bench?** B) 800 (The Plastic Company)
3. **What was the reason Sails and Canvas make bags from old boat sails?** C) Cannot be recycled- prevents the sails going to landfill or Energy from Waste
4. **How much wax does the Recycled candle company prevent from going to landfill each month?** A) 400 kg (Recycled Candle Company)
5. **Which three recycled materials does Ashortwalk use in the products in the resource box?** D) Yogurt pots, plant pots and plastic bottles- they are known for their rCup which is made from used coffee cups
6. **How much plastic remains in the environment from the 9 billion tonnes produced between 1950 and present day?** C) Almost 100%- very small amounts have been incinerated at Energy from Waste plants.
7. **How much less raw material does recycled glass surfaces use?** C) 60% (Granite Transformations)
8. **What percentage of plastic waste in the sea is made up of fishing nets?** A) 10% minimum!! (FAO)
9. **Recycling 1 plastic bottle can produce enough energy to power a lightbulb for...** C) 6 hours! (Recycle More)
10. **Can you draw a circular economy diagram for any item you remember?**