



COMPOSTING is a fast way to turn food scraps into healthy soil. Rain, bacteria, and worms break the food down, then you can use the soil in your garden to grow more food!



RECYCLING is a way to turn old, unwanted things into something new. For example, plastic bottles can become playground equipment, and construction paper can become games (like this one!).

But if you put trash into the wrong bin, it makes everything too dirty to be recycled or composted. Playing Hungry Bins is a fun way for your family to learn how to sort carefully!

Hungry Bins

Educational Eco Guide

HOW DOES SORTING HELP THE PLANET?

If we sort out our recyclables, they can be made into something new. For example, old cans can be turned into bicycles, and old paper can be used to make games - just like this one!



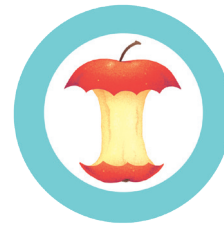
PAPER: To make paper, trees are chopped into tiny pieces. But if we recycle, paper companies can chop up our old paper instead, and don't have to cut down as many trees. In fact, recycling a stack of newspaper just 1 meter high will save an entire tree!



GLASS: It takes a lot of energy to heat up sand and minerals to create new glass. If we recycle, glassmakers can melt down our old glass instead of taking sand from beaches - and this uses much less energy. If you recycle one glass jar, it saves enough energy to power your TV for 20 minutes!



PLASTIC: Did you know plastic is made from oil? The oil must be pumped from underground, then it travels a long way in pipes, ships, and trucks. Sometimes it leaks and pollutes the land and water, making it dirty and dangerous for animals, fish, and people. But if you recycle your plastic, we'll need less oil.



COMPOST: If you throw out an apple core, it probably goes to a landfill (a big hole in ground where trash is stored). It won't break down well because it's not exposed to the air. Instead, it creates a gas called methane that makes our planet hotter! But if you compost the apple core, it turns into nice healthy soil where plants can grow.

MORE ACTIVITIES:



TAKE A FIELD TRIP

Many recycling centers offer in-person or virtual tours. It's fascinating to see what happens to recyclables after they've been picked up by the recycling truck.



PLAN AHEAD FOR THE PLANET

When getting an item, think about what happens when it breaks. For example, most plastic toys and polyester clothes can't be recycled. But wood toys and cotton clothes can be composted!



RECYCLE TO HELP ANIMALS

If we use the same materials over and over, we won't need to use so many natural resources. If we do less drilling, mining, and logging, we'll protect the land and water, so your favorite wild animal will have a safe place to live!



START COMPOSTING

Start a compost pile in your yard, get an indoor worm composter, or see if your town offers a pickup service. It's really cool to watch scraps turn into soil!



TURN YOUR TRASH INTO TREASURE

Turn a can into a crayon holder or planter, or a big box into a rocket ship! You can also research local recycling options: some organizations reuse, repair, or recycle electronics, sports equipment, art supplies, building materials, and more.



TRY A SCIENCE EXPERIMENT

Track your family's trash and recycling each week, then try to reduce the amount of waste you create. For example, it's good to recycle plastic - but buying less is even better! See how much your weekly waste goes down if you stop buying plastic water bottles and put a filter on your tap instead.

Visit www.adventerragames.com to discover more educational eco games for all ages!



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