



Our Earth Week

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10 Earth Day Facts for Kids



1. Senator Gaylord Nelson conceived Earth Day in the early 1960s.

7. It's known as "International Mother Earth Day" around the world.

2. The first Earth Day was in 1970.

8. Worldwide initiatives have benefited the environment.

3. The government responded to Earth Day with environmental legislation.

5. About one billion people recognize Earth Day each year.

9. There's an "official" Earth Day song. Earth Anthem, which was written in 2013 by Indian poet Abhay Kumar.

4. Earth Day went global in 1990.

6. Earth Day always falls on April 22.

10. The year 2020 marked the 50th anniversary.

Ten simple things you can do to help protect the Earth

1. **Reduce, reuse, and recycle.** Cut down on what you throw away.
Follow the three "R's" to conserve natural resources and landfill space.
2. **Volunteer.** Volunteer for clean-ups in your community. You can get involved in protecting your watershed, too.
3. **Educate.** When you further your own education, you can help others understand the importance and value of our natural resources.
4. **Conserve water.** The less water you use, the less runoff and wastewater that eventually end up in the ocean.
5. **Choose sustainable.** Learn how to make smart seafood choices at www.fishwatch.gov.
6. **Shop wisely.** Buy less plastic and bring a reusable shopping bag.
7. **Use long-lasting light bulbs.** Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!
8. **Plant a tree.** Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.
9. **Don't send chemicals into our waterways.** Choose non-toxic chemicals in the home and office.
10. **Bike more.** Drive less.



Climate Change Quiz

Q1. Wasting less food is a way to reduce gas emissions?

- a) True b) False

Q2. Which of the following is a Greenhouse Gas?

- a) CO₂ b) CH₄ c) Water Vapour d) All of them

Q3. What is the Greenhouse effect?

- a) Name of climate change legislation passed by USA Congress.
 b) When you paint your house to become an environmentalist.
 c) When the gasses in our atmosphere trap heat and block it from escaping.
 d) When you build a greenhouse.

Q4. Which of the following are consequences associated with climate change?

- a) The ice sheets are declining, glaciers are in retreat globally, and our oceans are more acidic than ever.
 b) Surface temperatures are setting new heat records each year.
 c) More extreme weather like droughts, heat waves and hurricanes.
 d) Global sea levels are rising at an alarmingly fast rate – by 17 centimetres (6.7 inches) in the last century alone and getting higher.
 e) All of the above.

Q5. What can you do to fight climate change?

- a) Divest from fossil fuel companies.
 b) Engage yourself in the science behind climate change.
 c) Vote for political candidates who will advocate for climate-related legislation and policy improvements.
 d) All of the above.

Q6. The overwhelming majority of scientists agree that climate change is real and caused by humans.

- a) True b) False

Q7. Which of these countries emits the most carbon dioxide (CO₂)?

- a) China b) USA c) UK d) Russia

Q8. What percentage of the global greenhouse gas emissions does the transportation sector emit?

- a) 1% b) 14% c) 33% d) 70%

Q9. Globally, which of the following sectors emits the largest percentage of greenhouse gas emissions?

- a) Transportation b) Buildings c) Industry
 d) Electricity and Heat Production

Q10. Which of the following was the hottest year on record?

- a) 2016 b) 2020 c) Both of these years



Answers:
 Q1. a) True Q2. d) All of them
 Q3. c) When the gasses in our atmosphere trap heat and block it from escaping
 Q4. e) All of the above Q5. d) All of the above
 Q6. a) True Q7. a) China
 Q8. b) 14% Q9. d) Electricity and Heat Production
 Q10. c) 2016 and 2020 - Both of these years



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Go play Sandwell

Oldbury

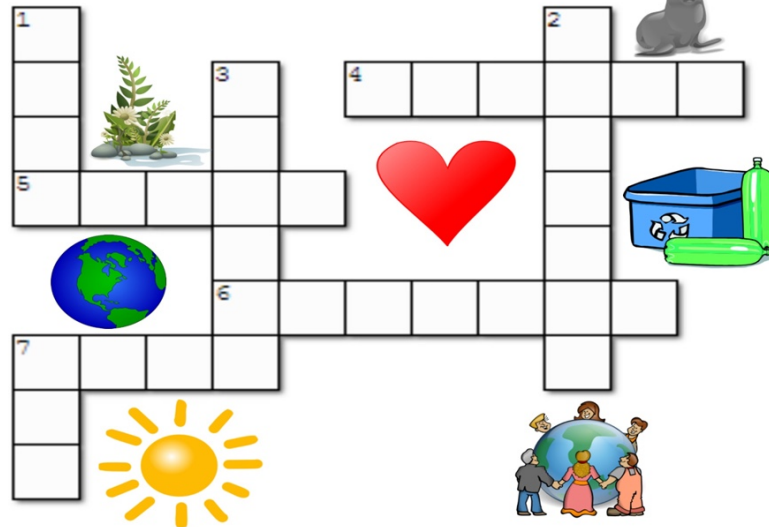
Rowley Regis

Smethwick

Tipton

Wednesbury

West Bromwich



Across

4. We have flowers, fruits, vegetables and other _____ in our garden.
5. We live on planet _____.
6. Reduce, Reuse, _____.
7. Together we can _____ the Earth.

Down

1. We need to _____ and take care of the Earth.
2. Dogs and cats are types of _____.
3. Plants, trees and birds are a part of _____.
7. The _____ is so bright I have to wear dark glasses!

What you will need:

- Wax paper
- Tissue paper glue
- Scissors (optional)
- Glue



Earth day sun catcher

To start with you need to rip your green and blue tissue paper into little bits, then rip some wax paper larger than what you want your earth to be. Now using some glue spread it across your wax paper in a circle, you do not need loads just enough to cover where you need it. Now start to add all your pieces of tissue paper to create the world, and then once you have finished spread some glue on another bit of wax paper and stick it over the top and flatten it out. Use a bowl or something round to cut it out and then hang it using some string in front of your window

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Paper Plate Earth Craft

Resources:

- Paper plate
- Felt tips/colours

Instructions:

- Design your paper plate earth craft by drawing different parts of land and sea and then colouring them in blue and green.





Recycling Facts



- Recycling just 48 cans is the energy equivalent of conserving one gallon of gas
- One pound of newspaper can be recycled into 6 cereal boxes or egg cartons
- Recycling 125 aluminum cans saves enough energy to power one home for a day
- An average of 220 tons of computers and other e-waste is dumped annually
- Between Thanksgiving and New Year's, Americans throw away one million extra tons of garbage
- Every ton of recycled paper saves 17 trees and 462 gallons of oil
- Only 30% of electronic waste is disposed of and recycled properly
- In the U.S., we toss more than 100 million cell phones in the trash every

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Fun Earth Day Games for Kids

Wheelbarrow Races

Divide kids into pairs for some classic wheelbarrow racing fun! If you have two real wheelbarrows to use, the rules are simple enough: just have one kid from each pair sit inside and let the other push as they race to the finish line.

No wheelbarrows? Play the old-fashioned and create a human wheelbarrow. Have one child get on their hands and knees, and another lift them by the feet. The two have to work as a team—one with their feet and the other with their hands—to get to the finish line as fast as they can.

You can also have a relay race with real wheelbarrows. Have players take turns transporting something inside, such as a pile of dirt or set of gardening tools, to the other end.

Ready, Set, Recycle!

Recycling is an important lesson that kids can learn at any age. It's something that they can put to use for the rest of their lives and making a game out of it can create a lot of fun memories.

To set up this game, you will need to line up a few empty bins and label them for different types of recyclables (e.g., glass, plastic, metal, etc.). Gather two collections of recyclable items that include at least one thing to fit each category.

Divide players into two teams and give each team one set of recyclable materials. Have them line up several feet away from the bins.

To play the game, have one player from each team select an item, run it to the bins and drop it into the correct one. They must then run back and tag another player in line who then grabs the second item and drops it in a bin. This continues until all of the items have been sorted into the correct bins. The first team to finish wins.

Nature's Hopscotch

Hopscotch is a simple, traditional outdoor game. It usually requires a piece of chalk and a concrete surface on which to draw the board. This version of the game, however, is inspired by nature, and therefore uses natural elements to form the board.

To start, have the kids collect a bunch of sticks, rocks, and leaves. Help them arrange the materials in the pattern of a hopscotch board. Once the board is done, they can use a rock to toss and play hopscotch as usual.

Earth Day Tic Tac Toe

Like the hopscotch game, you can use the same method of natural grid-making to create a board for a game of human tic tac toe.

You will need at least 10 people to play, so this game is best for a large group, but adults can join in the fun. Using your found objects, create a giant tic tac toe board on the lawn and divide the group into two teams. Each person becomes a marker, acting as either an "X" or an "O," depending on which team they're on.

The game is a lot of fun and sure to inspire smiles from everyone. You can play quite a few rounds, giving a nature-inspired prize to the winning team.

Fun Earth Day Games for Kids

Earth Day Scavenger Hunt

A scavenger hunt is a great group activity that kids of any age will enjoy. You can play in your backyard or take this game to a park.

Before they head outside, have the kids make a list of natural elements that are commonly found in nature such as twigs, leaves, blades of grass, stones, flowers, etc. Make two copies of the list, divide the players into two teams and hand them each a list along with a basket for their found objects.

The first team to return with all of the items on the list wins the Earth Day scavenger hunt.

Earth Day Art Projects

A good follow-up activity to any of the collecting games is to have the kids do an art project using the natural elements they've found. They can paint the rocks, make headbands out of flowers, create leaf paintings, or build fairy houses out of twigs.

Recyclable materials can also be used for this project. The kids may like to create fun sculptures and miniature garden houses that incorporate the items from nature.

Flower Pot Planting

A flower pot planting party is a fabulous way to celebrate Earth Day. With just a few supplies, the kids can paint small flower pots, then plant a seed inside that they can take home, nurture, and watch grow. It's a great project that keeps kids busy and can get them thinking about the benefits and fun of gardening.

For the seeds, be sure to choose a plant that's easy to grow so the kids don't get disappointed. Flowers are fun and showy plants, so consider marigolds, Shasta daisies, or sunflowers. Many vegetables are also easy to grow from seed and most varieties of beans sprout quickly.

Paper Mache

Teach kids a fun way to recycle paper into a craft with a paper Mache activity. Use newspaper or magazine strips, mixed with a paste made of flour and water, to create paper Mache masks. You can also paste the strips onto a balloon—as if making a piñata—and when it dries, paint it to look like the Earth.

Backyard Bug Hunt

Bug catching kits can be found at many craft and discount stores. You can also have kids make their own bug catcher for a fun craft project.

With the kit, let your little nature lovers go out into the grass to see what kind of bugs they can locate and capture. Help them observe how the bugs look and act for a while and pass on some knowledge about the good things bugs do for the environment around you. When you're done, set the bugs free!

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Fun Earth Day Games for Kids

Bird Feeder Craft and Relay Race

Have kids make bird feeders in honour of Earth Day. They can make them out of recyclable materials such as plastic bottles or coffee cans.

When the feeders are done, have a fun relay race where teams battle to see who can fill their feeder the fastest. Then, everyone can take their feeders home to hang in a tree.

Alternatively, you can also have fun in the kitchen making birdseed ornaments.

Watering Can Brigade

This fun party game can be played with kids on Earth Day to remind them of the importance of watering a garden. You will need a bunch of small watering cans (buckets will do) and two large flower pots that are the same size and don't have drainage holes.

Have all of the children line up, side-by-side and give each a watering can. Place an empty flower pot on one end of the line and fill the second pot with water at the other end.

Set a timer for three minutes. Have the player next to the pot of water fill their watering can with the pot. They must then fill the watering can of the next player in line with the water from their own can. That player then pours their water into the next player's watering can (and so on down the line).

The last player in line has to empty their watering can into the pot. Then the first player fills up and starts the process all over again. Players try to fill the empty pot before time runs out.

Musical Lily Pads

Turn the classic party game of musical chairs into a nature-themed game for Earth Day. All you have to do is modify some of the traditional game elements. For instance, instead of playing with chairs, you can use homemade lily pads.

Start by cutting green poster board into the shape of lily pads, then place them in a line on the ground. Instead of walking or running around the lily pads, kids can hop like frogs while the music plays. When the music stops, they jump onto a lily pad.

The rest of the game is played the just like musical chairs; one lily-pad is removed after each round until only one player remains.

Natural Tie Dye

Host an Earth Day tie-dye party and let kids colour t-shirts or other cloth items. To keep in the spirit of the day, use natural dyes, such as teas, vegetables, and colourful spices. The natural tie-dye recipes found online are a good source of inspiration for the project.

Happy Earth Craft

Resources:

- Blue and green paper
- Felt tips/colours
- Scissors
- Glue/Tape

Instructions:

- Start of by drawing a circle on your blue piece of paper and very carefully cutting it out, this will be the earth face.
- Very carefully start cutting green pieces of paper out to stick on your blue earth face.
- To make the arms and legs, carefully cut out 4 strips of paper and then fold back and forth to create the creases.
- To finish, glue your arms and legs to your earth and draw your face on.

(Ask an adult to help with cutting)



What you will need:

- Paper
- Colouring pens or pencils
- Scissors and glue
- String or wool



How can we save our earth hanging craft

To start with you want to create your world, so on a piece of paper draw your world and colour it in. Once you have done this you can cut it out, Next, we need to move onto how we can help save our earth. On a sperate piece of paper draw some bubbles and inside these you need to write ways you will help our earth. Below are a couple of examples:

- Recycling
- Planting trees
- Conserve water
- Walking places instead of using transport

These are just some examples if you get stuck. Cut them all out once you have finished, and then stick some string to the back of each one. Now all that is left to do is stick the other ends of your strings to the earth, so they are hanging down. Now you can hang it up as a reminder for how you can help the earth

What you will need:

- A spare piece of cardboard
- Recycled materials
- Glue or sticky tape



Save the earth decoration

For this craft we are going to make a wreath decoration using some of the recycled materials you can find. To start with you need to cut out a large circle from a piece of card and then cut an inner circle out of that so you have a 'doughnut shape'. Once you have done this its time for you to gather your materials to decorate it with, below are a few examples of materials you can use:

- Old CD'S
- Old colouring crayons to create a cool decoration
- Old scarp paper magazines or newspapers

You can use anything that you might usually chuck away but can use to create interesting decoration. Once you have gathered all your items you can start to stick them to your card shape, let it all dry and then hang it up when you are finished.

What you will need:

- Paper
- Blue and green paint
- Scissors and glue
- Colouring pens or pencils



Whole world in your hands craft

To start with on a piece of paper draw a large round circle and cut it out. Once you have done this you can start to paint the world on your circle, for example you could do spots of green everywhere add some blue and marble it together to create the world. Now its time to create the hands, on a separate piece of paper draw around your hand twice so you have 2 handprints and cut them out. Now stick the world you created in the palms of your 2 hands and stick it down. Fold the fingers at the front around your world and you are done. Add any other details you may like to finish it.



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 SATELLITE
 WAVE
 ROCKY
 SOLAR
 MAGMA
 KELP
 METEOR
 HEMISPHERE
 SAND
 SALT
 ISLAND
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