



## Activity Pack

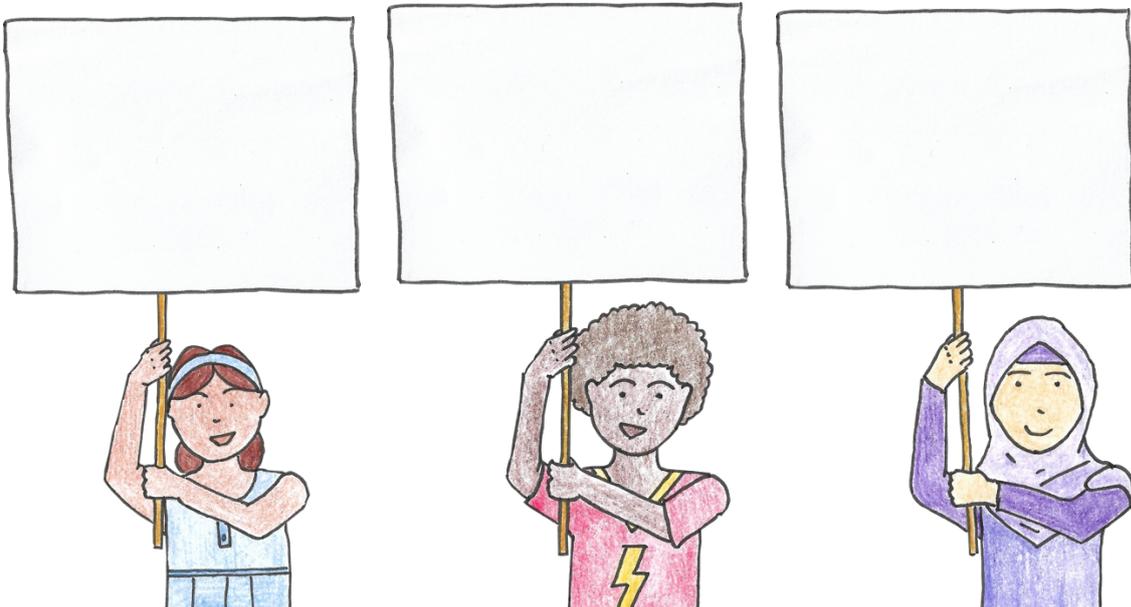
You have completed Pip and Pearl's challenges, but your job as a Planet Protector has only just begun.

Here are some more activities and puzzles for you to try at home.

And remember...

Look after the Earth!  
Defend its beauty.  
We're the Planet Protectors,  
Reporting for Duty!

Fill in your own ideas for protest slogans on the placards below.



# CLIMATE CROSSWORD

Use the clues to fill in the grid. The solution is on the final page of the activity pack (no peaking).

								1				2		3
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## Across

1. This will get more extreme if global warming continues (7)
4. See 11 Down.
- 6 & 14 Across. The oxygen-rich blanket that surrounds and protects the Earth (5, 5)
7. See 22 Across.
10. One of the three Rs (6)
12. Chemical element found in greenhouse gases (6)
13. Bits of the North and South Poles that are melting (3, 4)

14. See 6 Across.
16. Turn this off when brushing your teeth to save water! (3)
19. A clean, green form of transport (4)
21. A kind of renewable energy that uses ocean waves (5)
- 22 & 7 Across. Something you burn for power, made of prehistoric plants or animals (6, 4)

### Down

1. A tall, turning machine that generates clean energy (4, 7)
2. Scientific name for water (3)
3. An endangered habitat in South America (10)
5. Put one on your roof to harness the power of the sun! (5, 5)
- 7 with 12 Across. A measure of how much your actions affect the planet that is like the tracks you leave on the beach (9)
8. We need to save these important insects! (4)
9. One of the three Rs (7)
- 11 & 4 Across. Big snowy animals who are losing their homes because of global warming (5, 5)
15. One of the three Rs (5)
- 17 & 18 Down. A slippery product that companies are destroying important habitats to make (4, 3)
18. See 17 Down.
19. A box for waste, comes in different colours (3)
20. If something is good for the environment, it is \_\_\_-friendly (3)

### Eco-jokes...

Q: Why are pirates so eco-friendly?

A: They always follow the three arrrrrrrs.

Q: How do trees settle a disagreement?

A: They sign a tree-ty.

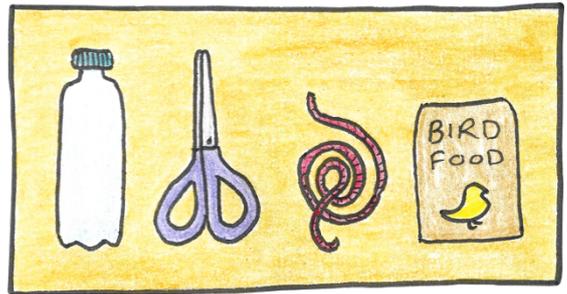
Q: Why did the leaf go to the doctor?

A: Because it was feeling green.

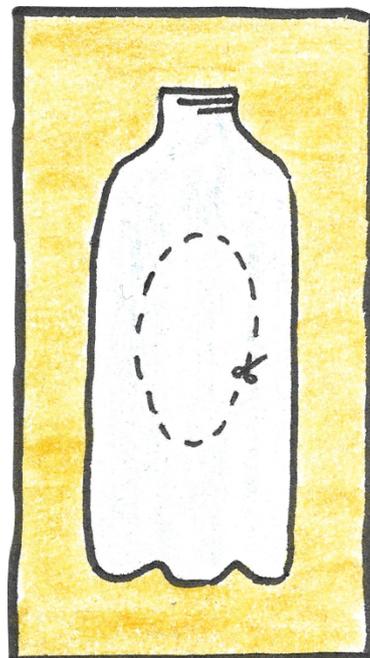
# MAKE A BIRD FEEDER

You will need:

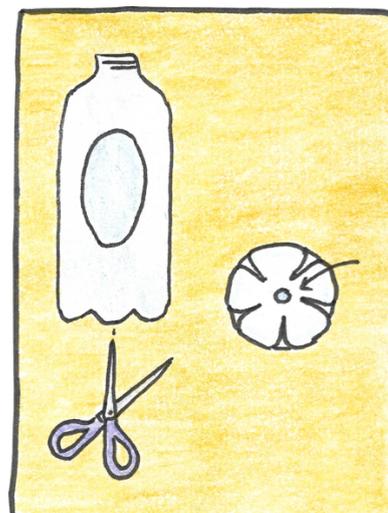
- Plastic drink bottle or yoghurt pot or milk carton (make sure it is clean)
- String
- Bird Seed
- Scissors

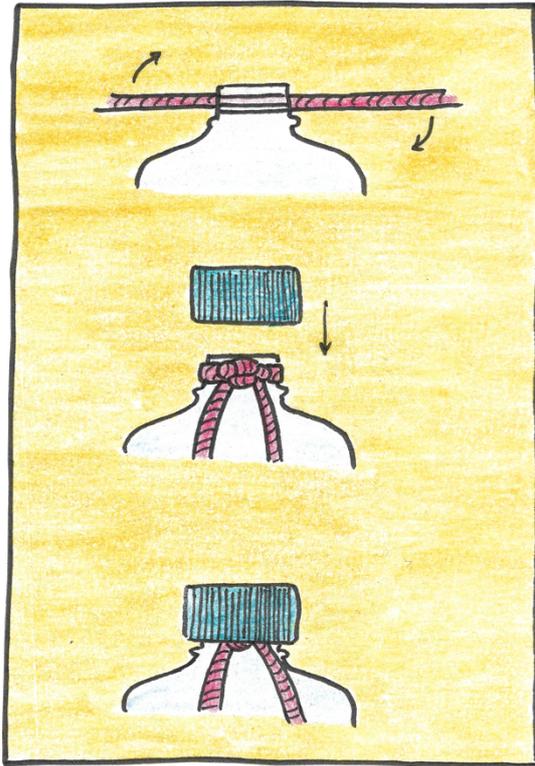


1. Cut a hole in the side of the bottle. It needs to be large enough to allow seeds to flow out, but not too big (or they will fall out). If the cutting is tricky, get an adult to help, and be very careful with the scissors.

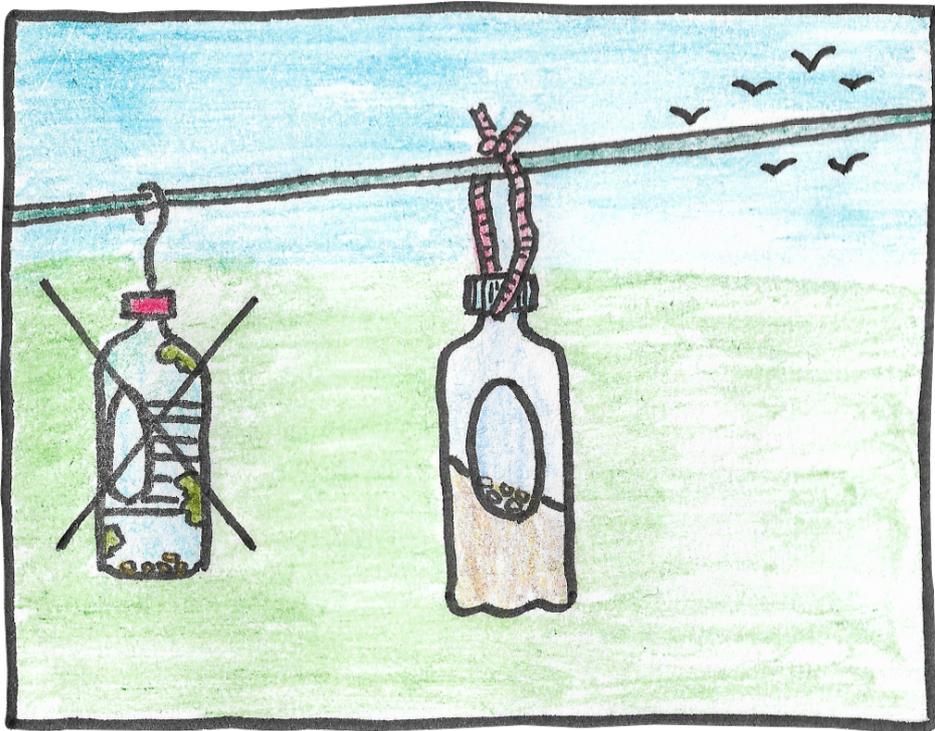


2. Ask your grown-up helper to make a few small holes in the bottom of your feeder to allow any rainwater to drain away.





Hang it with wire, or even strong string from a tree or your washing line.



If your feeder starts to wear out or the food in it goes mouldy, recycle it and make another one! Remember to keep your feeders well stocked, especially in winter. Birds come to rely on them and will go hungry if you forget.

## 10 x 10

10 things you can do to help the planet in less than ten minutes!

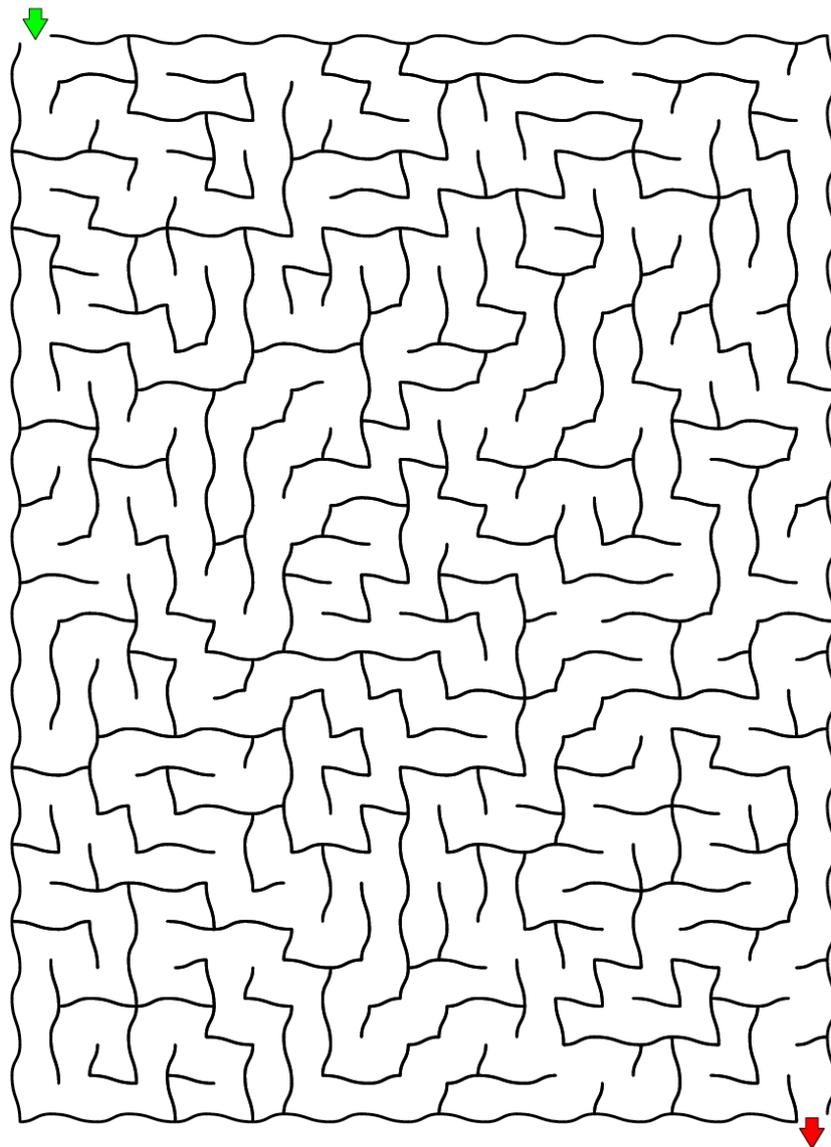
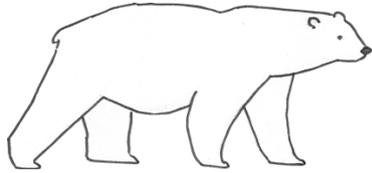
1. You can do this one in less than 10 seconds! Always switch the lights off when you leave a room. And check all the lights are off before you leave the house.
2. Don't leave your devices — like computers, or consoles — on standby. Switch them off! Many use as much energy on standby as they do when they are on.
3. Don't waste water! Turn off the tap when you are brushing your teeth.
4. Give toys and books you no longer need to charity or pass them on to friends.
5. Don't squash spiders. When you find an insect, scoop it up on a piece of paper and take it outside.
6. Ditch straws (particularly plastic ones). You don't need one to drink your drink and it will end up in landfill!
7. Double up your artwork. Always draw on both sides of the paper.
8. Use your library card. The more we all share books, the fewer need to be printed.
9. Wrap presents in fabric rather than paper. Or re-use paper. Comics make great wrapping paper (your friends can read them as they unwrap).
10. Pop on a jumper. If we all do, then we don't need to have our heating on as much at home.

Can you think of more things you can do to help?



## POLAR MAZE

The rise in global temperature is causing ice caps to melt. This means polar bears are often cut off from their food sources. Help this polar bear make his way through the cracking ice.



You can find out more about helping polar bears at:  
[www.polarbearsinternational.org](http://www.polarbearsinternational.org)

# MAKE A BUG HOTEL



In the wild, bugs and bees have lots of places they can sleep, but in cities and towns, humans have taken away some of these places. This means we are missing out on all the good things bugs can bring, like eating other 'bad' bugs and helping to grow flowers.

You can help by making your own bug hotel! This will give bugs a safe place to sleep. Here's how:

## 1. Pick Your Spot

Where are you going to put your bug hotel? It needs to be outside. In your garden? On a terrace? Will you hang it on a fence? A place that gets a bit of sun and a bit of shade is best.

## 2. Make the Walls

You can use a wooden box, a plant pot or cut a plastic bottle in half. Don't use cardboard - it will get too soggy when it rains!

## 3. Go on a Bug Bed Treasure Hunt

Bugs like having lots of nooks and crannies to sleep in. If you were a tiny little bug, what would you want for your bed?

Look for things that will make nice little bug beds. You don't need to buy anything - just hunt around your house or garden and see what you can find.

Things that make great bug beds:

- Sticks
- Straws
- Pinecones
- Acorn hats
- Bamboo
- Cardboard (you can cut up old loo rolls or cereal boxes)
- Leaves
- Little stones
- Bark
- Tiles or glass (careful - nothing sharp!)



#### 4. Fill the Rooms

Use the things you found on your hunt. Fill your hotel with your bug beds, making sure there are lots of little holes for your bugs and bees to get cosy in.

Some ideas:

- If you have sticks, straws or bits of bamboo, you can tie them into a pile and put them in your hotel.
- You can stack pinecones into your hotel, or make a line of acorn hats.
- You can roll cardboard up into a spiral.

Get creative! You could even use tiles or flat cardboard to make different floors in your bug hotel.

#### 5. Finish It Off

Put your hotel in your chosen spot. Make sure the little cosy bug holes are easy for the bugs to get into.

Does it need to sit on the ground? Do you need to hang it up with string?



Give your bug hotel a name and paint or draw a sign on it. What will you call it?



## FINDING OUT MORE

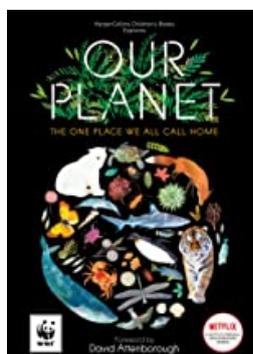
### Books:



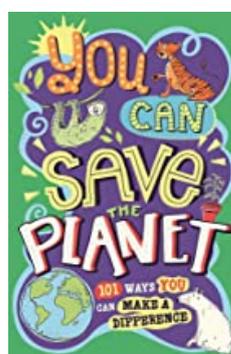
Be Green! By Mandy Archer and Katie Abbey



Guardians of the Planet, by Cliff Gifford and Jonathan Woodward



Our Planet, by Matt Whyman and Richard Jones



You can save the planet, by J.A. Wines

### Websites:

Dylan D’Haeze: <http://kidscansavetheplanet.com/>

Dylan is a teen filmmaker and climate activist. You can see his documentaries (some paid, some free) on his website.

Greenpeace: <https://www.greenpeace.org.uk>

A wealth of information and resources on environmental issues.

Kids for Saving Earth: <http://kidsforsavingearth.org/>

Kids for Saving Earth is an American organisation started by the parents of an eco-activist kid. Their website is full to the brim of things to do and learn about. The “Action Programs” tab is a good place to start.

Eco Kids Planet: <http://ecokidsplanet.co.uk/>

This is a magazine you can buy or subscribe to, but there are lots of free downloads on the website as well. You can also sign up to their mailing list for more free information.

Eco Friendly Kids: <http://www.ecofriendlykids.co.uk>

Quizzes, puzzles, information, activity ideas and more (more suitable for older children)

## For Parents

Here are some resources for starting the environmental conversation with your children especially if you are also new to eco-activism.

<https://www.bbc.co.uk/programmes/articles/4qbx44zIPcHLjRkXbZybMqy/how-do-you-talk-to-children-and-young-people-about-climate-change>

<https://www.iamgreenwise.com/environment-and-kids/>

<https://www.rebekahgienapp.com/earth-day-for-kids/>

<https://theconversation.com/children-are-our-future-and-the-planets-heres-how-you-can-teach-them-to-take-care-of-it-113759>

<https://www.npr.org/2019/10/22/772266241/how-to-talk-to-your-kids-about-climate-change?t=1603476402651>

<https://www.naturespath.com/en-us/blog/20-activities-kids-learn-sustainability/>

<https://tinyurl.com/y5khv3vt>

### Crossword Solution:

								W	E	A	T	H	E	R
	B	E	A	R	S			I				2		A
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