

ClimateSmart kids *fun book*





Hi kids.

I'm **Captain ClimateSmart** from the Department of Environment and Resource Management or DERM, and welcome to my awesome fun book.

The activities and puzzles will help you learn all about our changing climate and how it affects our everyday lives.

And more importantly – what YOU can do to fight climate change.

Climate change, also called global warming, is an environmental problem caused by too much carbon dioxide (CO₂) being released into our atmosphere. Too much CO₂ warms the planet and the climate changes.

Being ClimateSmart is about making simple and low-cost changes to our everyday actions to reduce the amount of CO₂ our homes produce.

So become a ClimateSmart Kid, and join forces with me to protect planet Earth.

To a sustainable planet and beyond!

Did you know that cars don't just run on petrol... some cars run on electricity!!

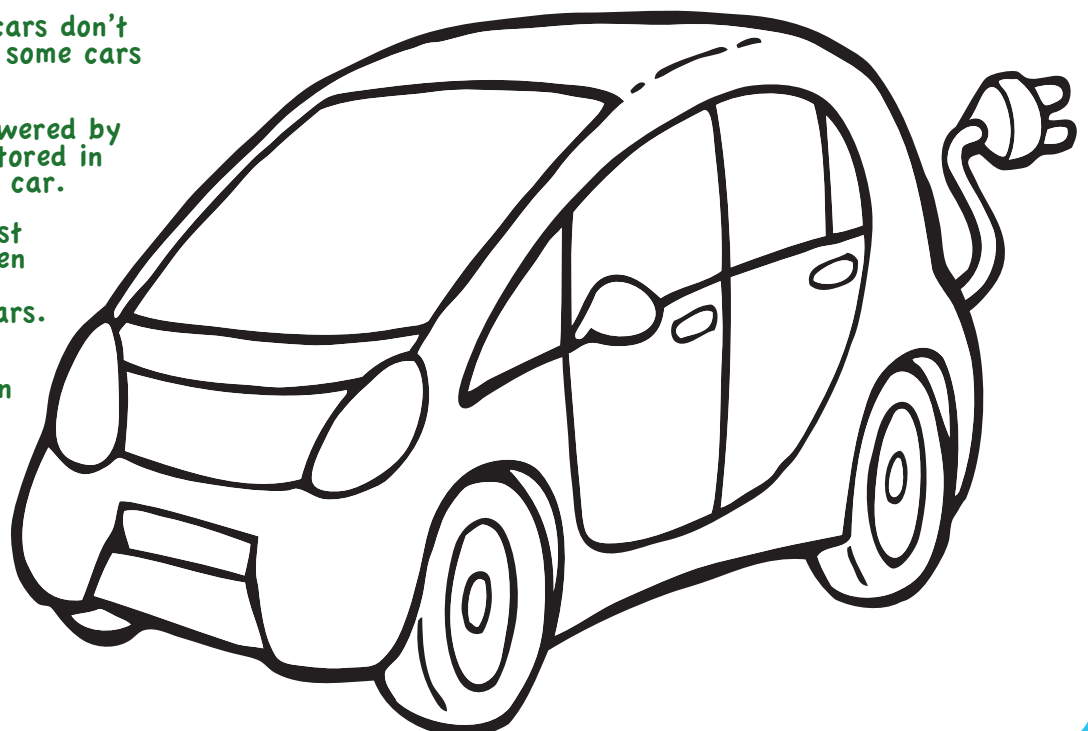
Electric cars are powered by electricity that is stored in a battery inside the car.

Electric cars can cost around 50% less when driving the same distance as petrol cars.

Most electric cars can travel more than 100 kilometres on a full battery!!

What do you want your electric car to look like?

Colour in the picture!!



Find the word

Can you find the words below?

Look up, down, across, diagonally and backwards!

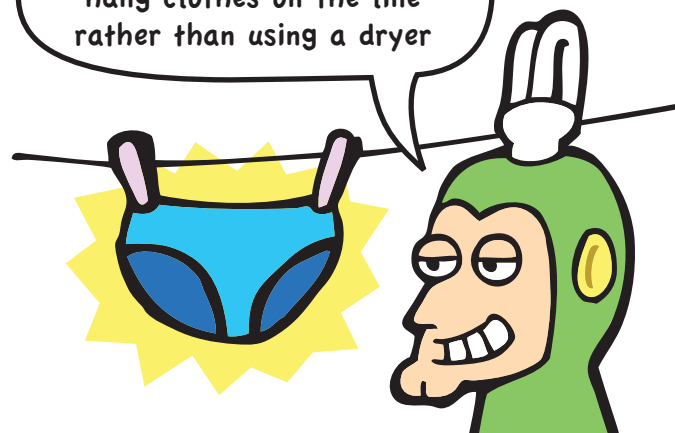
I R X E P O Y Y N U E E V S H K
L E D C T T G G G G L R C U G R
E W N N R H R S Q C C E A N R Q
G O A E E G E Q Y R I T R D E C
N P L I E I N C E Z H A B F E N
A N S C S L E H L M E W O N N I
H E N S C R T H S R V I N T H A
C E E C V A T M U T C Z N E O R
U R E I E R A T H S I I H C U R
M G U W A R A S K O R Q C L S A
O Z Q E T R I T J P T U T I E L
O I Z B E B S C T M C N I M N O
C U W P B A A O E O E A W A A S
N Q M U G W O F X C L N S T R K
K E R E W F W Q U I E C H E Q T
T V S H O W E R J Q L F S Y Q M

Carbon
Change
Climate
Compost
Earth
Electric vehicle
Energy
Footprint
Gas

Greenhouse
Greenpower
Light
Rain
Recycle
Rubbish
Shower
Smart
Solar

Switch
Temperature
Trees
Water
Weather
Queensland
Sun
Science

If helping with the washing,
hang clothes on the line
rather than using a dryer



Snakes and ladders

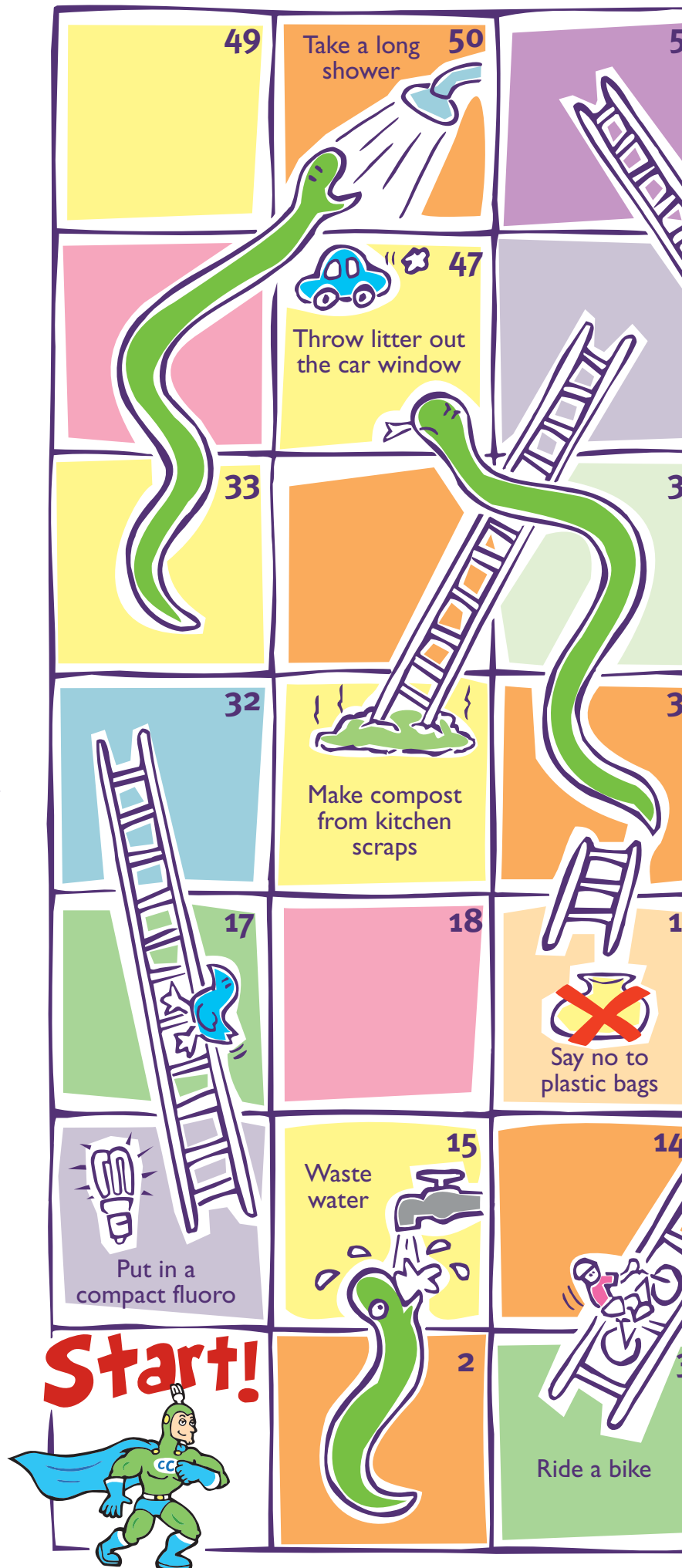


Looking after the environment is like a game of snakes and ladders. If we do the right thing, we move ahead, but if we don't, it's a step backwards!

Two to four people can play. You need a dice, and some counters (5 cent coins are good).

To start:

- Throw the dice.
- The person with the highest score goes first.
- Take turns to throw the dice.
- Move the number of spaces on the dice.
- When you reach a ladder, go up.
- When you meet a snake, go down.
- The winner is the one to reach the 'Finish' first!





Finish!



52

Don't recycle

53

54

Leave lights on when not in the room

55



45

43

42

41

35

Leave fridge door open

37



38

39

Turn off tap when brushing teeth



40

Plant a tree



28

27

26

25

Use both sides of paper

20

Have the fridge too cold



22

23



Save cans for recycling

24

Use the car when you could walk

13

12

11

10

9

Leave TV on when not watching



4

5

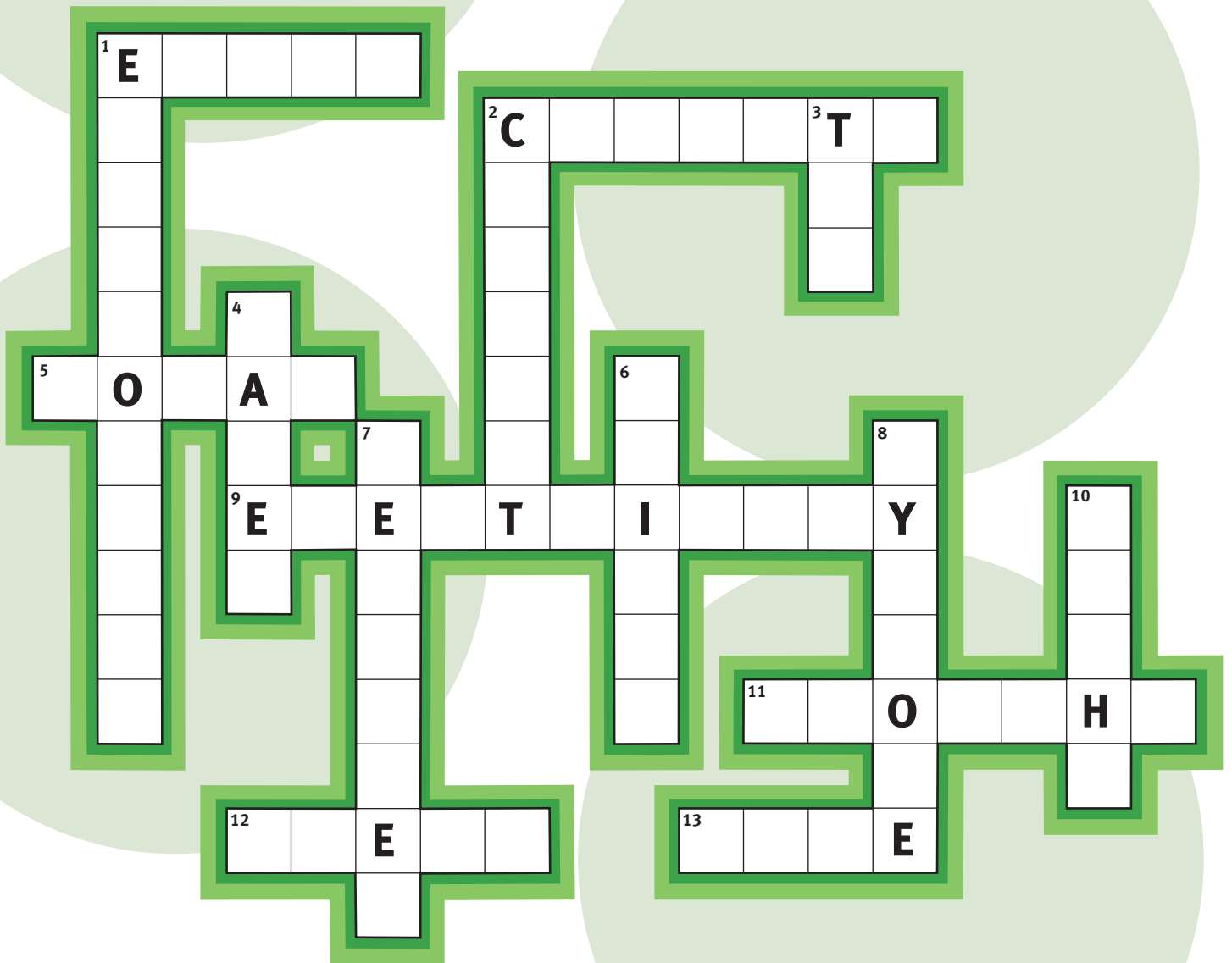
6

7

8

Take the train

Crossword



Across:

1. Our planet (5 letters)
2. _____ change has made the weather hotter (7 letters)
5. Power from the sun (5 letters)
9. It powers your lights (11 letters)
11. Lack of rain (7 letters)
12. Their leaves make oxygen (5 letters)
13. Riding a _____ is better for the environment than driving a car (4 letters)

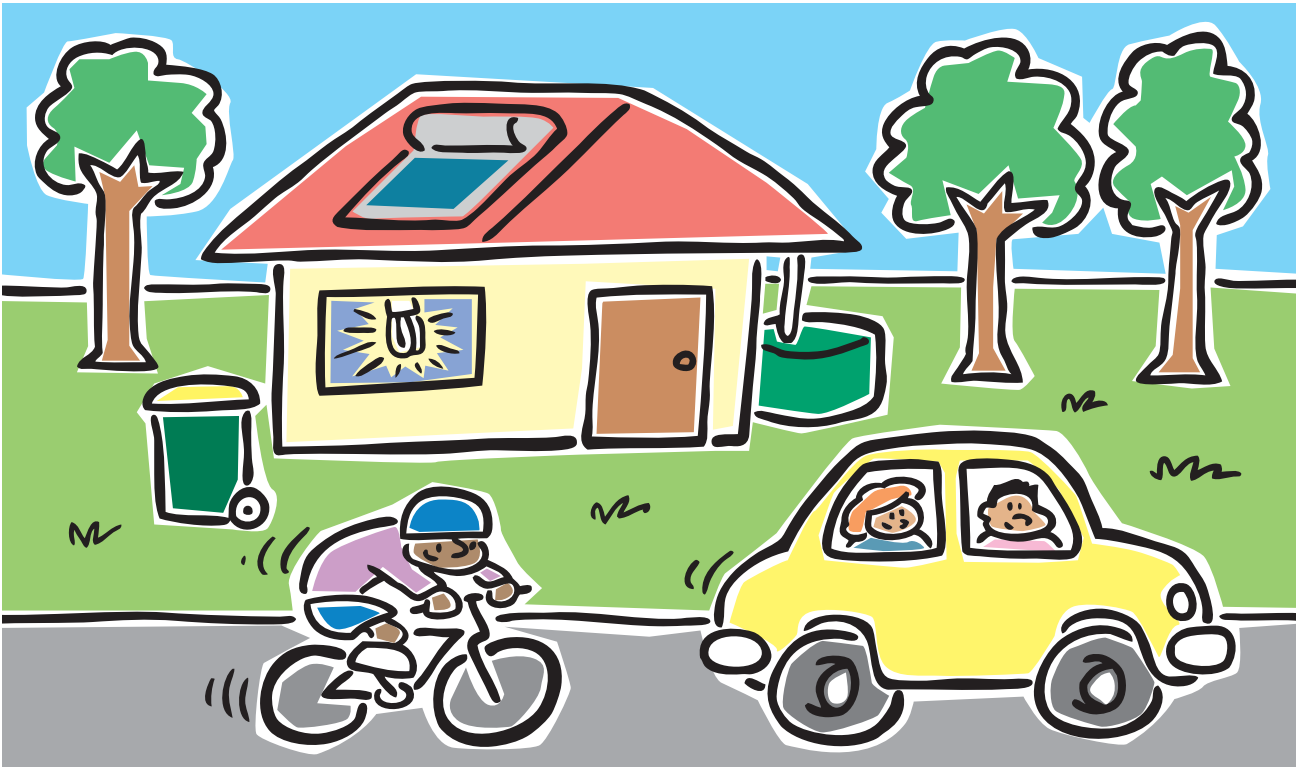
Down:

1. Land, plants and animals around us (11 letters)
2. Fertilizer made from kitchen scraps (7 letters)
3. Turn this off while brushing your teeth! (3 letters)
4. Shorter showers save _____ (5 letters)
6. Something that keeps your food cold and fresh (6 letters)
7. Drink cans and bottles can be _____ (8 letters)
8. Tropical storm (7 letters)
10. Turn off the _____ when you leave a room (5 letters)

Switch off your set top box, games machines, modem, computers, printers at the wall



Spot the difference

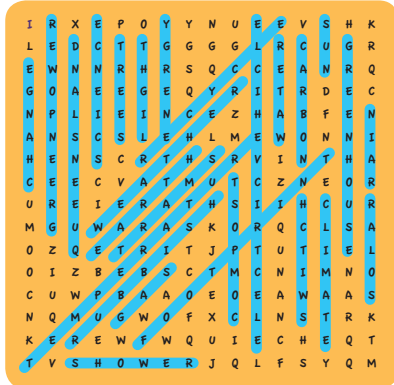


Recycle everything you can,
including recyclable plastic,
glass, metal and paper



Answers

Find the word



Crossword

Across:

- 1) Earth.
- 2) Climate.
- 5) Solar.
- 9) Electricity.
- 11) Drought.
- 12) Trees.
- 13) Bike.

Down:

- 1) Environment.
- 2) Compost.
- 3) Tap.
- 4) Water.
- 6) Fridge.
- 7) Recycled.
- 8) Cyclone.
- 10) Light

Spot the difference

- Flat car tyres.
- No helmet on cyclist.
- Water tank on house is missing.
- Recycling bin has different colour lid.
- Light bulb has changed (from CFL to incandescent).
- A tree is missing.
- Pollution from car exhaust.
- Solar panel missing.

