

TASK

1. Become more aware of your **"Carbon Footprint"** by calculating it here: <https://trees.org.za/carbon-calculator/>
2. Find 11 ways in which you can reduce your carbon footprint in the word search below...
3. Check out the **"Anatomy of Action"** by following the link below. In the table below, write down 5 sustainable lifestyle changes you commit to this year : https://www.anatomyofaction.org/AnatomyOfAction_MINI_SocialMedia_HOWTOUSE_Kit_Sep19.pdf
4. Test your knowledge in the climate quiz questions in the...
5. Share this fun activity page with friends and family!

LIFESTYLE CHANGES

I commit to the following 5 sustainable lifestyle changes in 2022:

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....

A: The increase in the average temperature of the Earth's atmosphere is referred to by scientists as...?

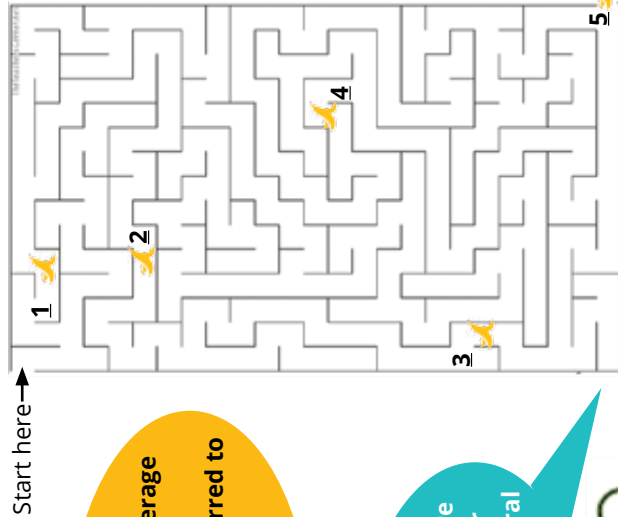
B: What is the name of gas released into the atmosphere when we burn fossil fuel for energy like coal, oil and natural gas?

C: All of the gases on the planet make up the Earth's...



Climate Change Maze Craze !

Can you find your way through the maze, by picking up the trash? Tick off tasks 1 – 5 as you make your way through the maze! Don't slip on the banana peels!



D: The pattern of weather conditions over many years is called....?

E: What are the gases called that become trapped in the Earth's atmosphere and are heating the planet?

The end! Well done, you are well on your way to live a more climate conscious life!

WORD SEARCH

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

Find these words in the word search to the left:

- Avoid fast fashion
- Buy local
- Compost
- Drive less
- Eat less meat
- Eat seasonal (food)
- Grow your own food
- Line-dry clothes
- Recycle
- Switch off lights
- Use less plastic

Answers: A: Global heating B: Carbon dioxide (CO2) C: Atmosphere D: Climate E: Greenhouse gases Reference: PowerPoint Presentation (cheshirescouts.org.uk)

Academy of Science of South Africa (ASSAf)

ASSAf Research Repository

<http://research.assaf.org.za/>

A. Academy of Science of South Africa (ASSAf) Publications

D. Quest: Science for South Africa

2022

Quest Volume 18 Number 1 2022

Academy of Science of South Africa (ASSAf)

Academy of Science of South Africa (ASSAf)

Academy of Science of South Africa (ASSAf), (2022). Quest: Science for South Africa, 18(1).[Online] Available at:<http://hdl.handle.net/20.500.11911/234>

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