

Young Climate Warriors



Young
CLIMATE
Warriors



Climate change...

I bet lots of you already know what it is?...

Just incase you want a re-cap ... Climate change is the process of our planet heating up, which will make our weather more extreme and unpredictable.

It'll mean: – **More rainfall and storms** – **More droughts and forest fires** – **Changing seasons** – **Shrinking sea ice** – **Rising sea levels**

- Climate change means that lots of animals (and humans!) could find they're not able to adapt to their changing climate.
- The poorest people around the world, who have done the least to cause climate change, will be worst affected.
- We, the people who live in wealthier countries need to be doing more to prevent climate change.
- More of what?... We need to change, like a chameleon to adapt to our current situation and help other children around the world



<https://www.natgeokids.com/uk/discover/geography/general-geography/what-is-climate-change/>



We need to change, we need to ...



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We need to do it faster...

Businesses and governments are already doing some things, but not quickly enough...

Rich countries need to get down to 'zero carbon emissions' and make all these changes, within 6–12 years.

If the adults in charge of our countries can see us children doing what we can, and showing we really care about our planet it will send a strong message.



Picture of Greta Thunberg, from Sweden, talking to the United Nations, December 2018





You are never too small to make a difference...



Click on the picture for youtube link to Greta Thunberg, at Climate Summit, December 2018.
(46 seconds).

<https://www.youtube.com/watch?v=CAJuX7xed8o>





So how can we help...

Let's think of what we, as children, can do...

There are so many little things we can help with, especially at home
...and if we all do the same little things, at the same time, it will feel like
we can really make a big change.

It's like teamwork, if we all act together, we can make a big difference.





To reduce our carbon emissions we can...



Turn down the thermostat



Try eating lentils instead of red meat



Dry uniform on radiator



Reduce length of showering time



Eat more local fruit





Young Climate Warriors initiative

To feel part of a big team doing something for climate change, we will all undertake the **same** actions in the **same** week.

- Read the 'suggested challenge'* (email or www.youngclimatewarriors.org)
- Undertake the 'suggested challenge' (along with hundreds of other children)
- Click the 'challenge completed' button (on the website)

And you'll become a Climate Challenge Champion!!!

*All 'suggested challenges' must be undertaken with the supervision and at the discretion of a responsible adult.





Young Climate Warrior Quiz

Let's see how much you can remember...

Can you answer these questions...

- 1) Give 4 examples of what will happen if our planet heats up?
- 2) How long do we have to do something about it?
- 3) How old is Greta Thunberg, and what country does she come from?
- 4) How can we, as children, help?
- 5) What would Young Climate Warriors help us to do?
- 6) How do you become a 'climate challenge champion'?





Join us as a Young Climate Warrior

To summarise:

- 1) Subscribe at www.youngclimatewarriors.org.
- 2) Undertake the weekly 'suggested challenge'
- 3) Click the 'challenge completed' button

You will have become a 'Climate Challenge Champion'

To feel part of a big children's movement we need to know that you've undertaken the action – then we can count up how many children, like you, are also doing the same thing! - so make sure you hit the 'challenge completed' button, when you've finished!





Additional slides

For older children or those wanting more detailed information – they could be added into the presentation pack.

Further links and information is also available on the website www.youngclimatewarriors.org. (from Friday 15th February)





A little more about climate change...explaining carbon emissions

In order to combat climate change in rich countries we need to reduce our carbon emissions to zero, in the next 6-12yrs.

Carbon is emitted when greenhouse gases like carbon dioxide or methane are released into the atmosphere.

Carbon emissions mainly result from:

- Fossil fuels such as coal, oil or gas being burnt.
- Methane being released by livestock when they fart! and from thawing frozen ground in the arctic.

Carbon is stored in trees, deforestation releases that carbon back into the atmosphere.





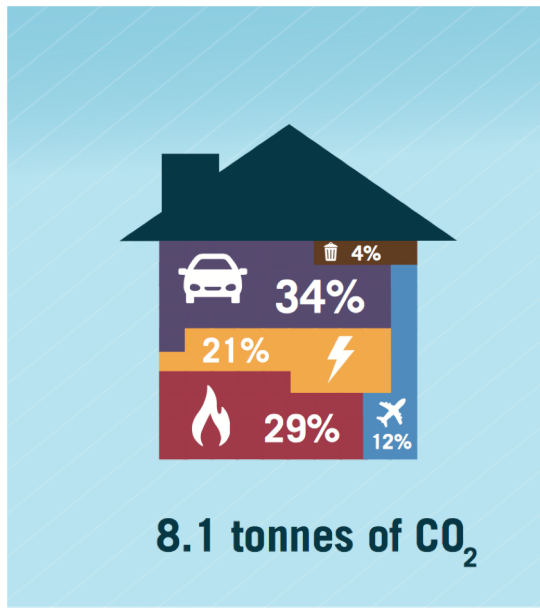
Did you know... (facts related to slide 7)

- Turning down the thermostat by 1 degree means you burn less fossil fuels – that 1 degree can save approximately 5% of your total household carbon emissions.
- The carbon emissions of a vegetarian meal are approximately half that of a red meat main course.
- Drying your uniform on a radiator, or air drying your clothes avoids use of a tumble drier one of the most intense users of electricity in your home.
- Reduce length of time in the shower – means less water needs to be heated, and less water needs to be treated.
- Buying local produce requires less transportation, saving on burning oil in the form of diesel or petrol.





Approximately 40% of UK emissions come from households



As published by the UK's Committee on Climate Change in 2016
(8.1tonnes = 8,100kg CO₂)

2017 emissions (MtCO₂e)

460

Total greenhouse gas emissions

As published by the Department for Business, Energy and Industrial Strategy – National Statistics. Feb 2019 (460MtCO₂e = 460,000,000tonnes CO₂e)



February 2019





Who is Greta Thunberg?

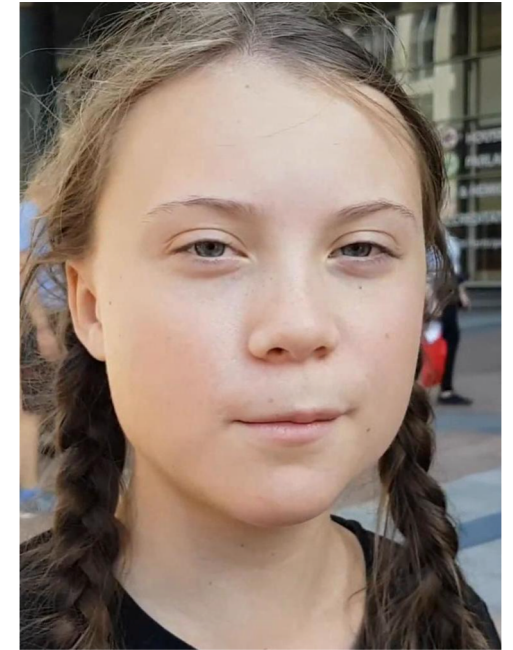
She's a 16 year old girl from Sweden who a climate activist - she says that the current systems are failing to respond to climate change.

She is very brave and courageous. In December 2018 she spoke to thousands of adults at a big Climate Change conference held by the United Nations.

In January 2019 she went to a big conference of business and world leaders in Switzerland to tell them that solving the climate crisis is the greatest and most complex challenge that Homo Sapiens has ever faced. We have to stop our emissions of greenhouse gases.

Her speech is entitled 'our house is on fire'. She is calling for people to act now and act quickly as if you had a major problem like a fire.

'we must take action into our own hands, starting today'





Collective action

Greta Thunberg has started a mass movement all round Europe. With thousands of school children striking – missing a day of school - to protest at the lack of action being undertaken to combat climate change.

Young Climate Warriors provides an option to empower you – the children of today – to enable you to engage with climate change at a collective level.

Young Climate Warriors will set a 'suggested challenge' each week, and the number of 'challenges completed' will enable us to compile a quantitative response for example:

- Homes now to be heated for 10,500 minutes (175hours) less each week (challenge - 100 children reduced heating 'on' by 15 minutes a day)
- Shower times to be reduced by 700 minutes each week (challenge - 100 children reducing shower time by 1 minute a day)
- 100 households tried lentils/pulses as a alternative to meat/fish as a main meal
- 100 households found 5 different plastic types in their recycling bin, and committed to changing one product that they normally buy packaged in plastic.

Where possible the magnitude of carbon emissions savings will also be calculated





At your school...

- Expected audience is Years 4/5/6/7/8 (but any age group is great)
- Teachers support and encouragement will make a big difference
 - Climate Change assembly
 - Find recent articles in the press about climate change
 - Set the first two or three 'challenges' as homework
 - Include in the school newsletter
 - School Eco-councils to rally behind it
 - Potential reward system within school if fulfil commitment for a whole term
 - Inter-class (or intra-class) competition as to who can complete the most challenges over the next month
- Parents / grandparents
 - Undertake the 'challenges' as a family. A 2019 commitment to help to combat climate change.
 - For those 'Young' at heart, age isn't a barrier to becoming a Young Climate Warrior!





#warrior4climate

This is an added extra... neither you nor your parent/carer needs to be on social media, but if you are...

...and if you'd like to be part of the visual picture then please share a random photo of your completed challenge – like your heating controls, a tupperware box, a plate of lentils, or your shower head – a photo of anything – without any identifying features! You can share your photo either by email and we'll post it – or directly on Instagram at #warrior4climate

