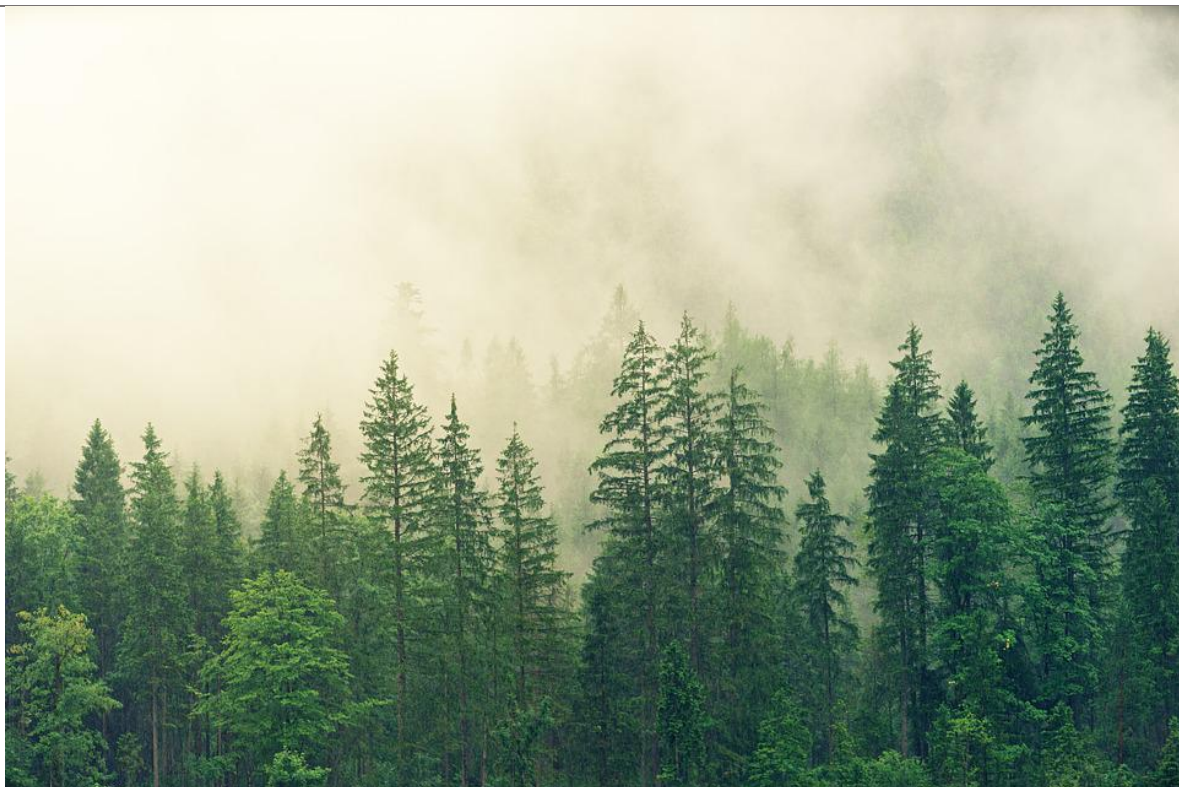




WEBQUEST DEVELOPMENT TEMPLATE

TITLE OF WEBQUEST:	Climate Change Your Mind
LEVEL OF THE WEBQUEST:	Introductory Level
INTRODUCTION:	
	
<p>Climate change is the process of our planet heating up. Did you know climate change is a result of global warming? Climate change is making the entire planet heat up, even in very cold places like Antarctica. Sadly, rising temperatures don't just mean that we'll get nice weather. Climate change will cause our weather to become more harsh and unstable!</p> <p>Climate change affects people, nature, and the fate of our planet! Can we stop climate change? If we act now, it is possible to slow down the pace of climate change and control some of its harmful effects on the planet. One of the most important things people can do is to decrease the amount of carbon dioxide (CO₂) in the atmosphere. This means making smarter choices and adjusting the way we live our lives. But we need to act now! We can all take measures to reduce the effects of climate change such as using green energy instead of burning fossil fuels or walking instead of driving.</p>	





There are plenty of ways that you can help to fight climate change. A lot of our daily habits add to climate change, and we all must change the way we live to prevent damaging the planet even more! Many of these adjustments can improve our lives; for example, it results in purer air, increased exercise for your body, nutritious diets, and more green spaces.



TASKS:

Your school has decided to take part in *Climate Change Awareness Week*, and you are eager to get involved, make an impact, and understand more about climate change. You think it would be a great idea to focus on trees and their environmental impact, so you suggest the idea of planting more trees in your school garden. Today, the knocking and cutting down of trees is on the rise, and you start to get curious about tree destruction ("deforestation") and the environmental cost it has to climate change. So How do trees impact climate change? Let's explore!

To start this exercise, you will first need to do some investigating to understand what environmental impacts trees have. You will need to present your idea to your teacher, and get your classmates involved. Firstly, you will need to know all there is to learn about trees to amaze your classmates with your climate change project

In this WebQuest, you will be brought through a string of tasks that will allow you and your classmates to learn about trees and how they impact the environment and help fight climate change. You will complete the tasks in small groups of 4-5 people. When you finish these tasks, you can demonstrate the impact of your project to your class and help others to learn more about the environmental benefit of planting trees!. Let's get started!





PROCESS:

Step 1: Research Time

Planting trees is a great way to help the environment. Doing so can provide oxygen, prevent water pollution, and reduce carbon emissions. The first step in your mission to plant trees in your school will be to start with some research. You want to understand how trees function and how they positively affect the environment to fight climate change. It is important to make sure that your project is honest and full of facts that emphasise the message behind your project:

For more information on **trees**, click on the following links:

14 Fun Facts About Trees: <https://www.precisiontreemn.com/tips/14-fun-facts-about-trees.html>

Trees | Educational Video for Kids: <https://www.youtube.com/watch?v=5I7u5FMQxHA>

For more information on **the impact of trees on the environment**, click on the following links:

How Trees Make a Difference: <https://www.nwf.org/Trees-for-Wildlife/About/Trees-Make-a-Difference>

Tree Day: <https://www.abc.net.au/btn/classroom/tree-day/10526148>

For more information on the **importance of planting trees**, click on the following links:

22 Benefits of Trees: <https://www.treepeople.org/22-benefits-of-trees/>

What if everyone planted a tree?: <https://www.youtube.com/watch?v=EkMjXGUT6BA>





Step 2: Preparation Is Key

You want to get your school onboard with your idea to plant more trees. First, you will need to do some research to present your idea to your teacher. You have all the facts that will help you to demonstrate your project - it's time to start preparing! The great thing about this step is that you can decide how you are going to present your idea. You hope that you can make a difference in your school and implement a project that looks to combat climate change.

When preparing to present your idea to your teacher, consider the following questions:

- Why are trees important?
- How do trees affect the environment?
- Why should we save trees from deforestation?
- How can we help trees slow down climate change?
- How do you plant a tree?
- What materials do you need to plant?

For more information on **deforestation**, click the following link:

Deforestation: <https://www.youtube.com/watch?v=-01T9e6VDWU>

What is deforestation?: <https://www.chesterzoo.org/schools/resources/what-is-deforestation/>

For more information on **what you need to plant trees**, click the following link:

What you need to get started: <https://www.bordbia.ie/gardening/planting-a-tree/>

Now it's time to present your idea to your teacher!





Step 3: It's Time To Get Planting

Success! Your teacher loves your climate action project and wants to implement it right away. Now, it's time to get planting!

Your teacher thinks it would be a great idea to get the whole school involved in your project. You want your demonstration to be fun and exciting so that your peers are aware of the importance of planting trees and how it can fight climate change. You can explore the internet for great examples of how to plant a tree, or maybe you have some creative ideas of your own!

For **tips on how to plant a tree**, click on the following links:

How To Plant A Tree: <https://www.youtube.com/watch?v=ERYm7yOefG4>

How To Plant a Tree: <https://www.youtube.com/watch?v=thYg0GP8qsM>





EVALUATION:

As a self-assessment for this WebQuest, write a short self-reflection of 100 words to demonstrate how you enjoyed this exercise. You can use the following questions to help you reflect:

- What did you like most from this exercise? And why?
- Did you find that this exercise was fun to do with your classmates?
- Do you think it's a good idea to implement climate change awareness in your school?
- List 3 things you learned through this exercise that you didn't know before.
- Do you think this exercise helped you think about how trees affect our environment and help fight climate change?
- Do you think it's a good idea for others to think about climate change and how they can reduce it?



CONCLUSION:

Congratulations! You and your team successfully presented your idea to your teacher and helped fight climate change by planting more trees in your school garden. Alongside this, you and your group have learned so much about climate change and its effects on the





environment. Now your school is looking at how they can implement more climate change projects in your school. Well done! By letting others know about how easy it is to combat climate change, you are encouraging others to make smart choices that positively affect the environment and our planet!

