

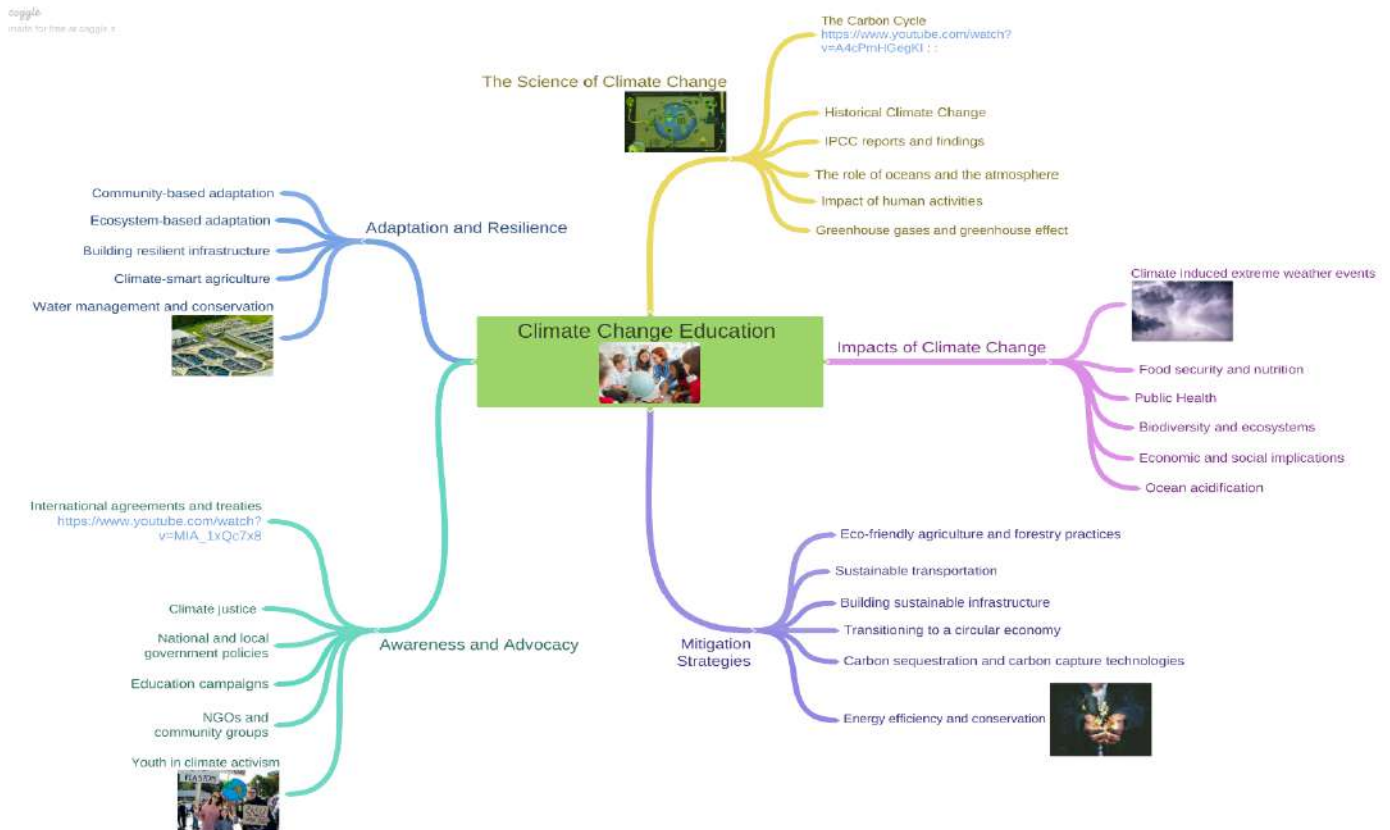
Advocacy Plan

Topic: Climate Action

Section 1: Explore

Climate action involves comprehensive efforts to mitigate the impacts of climate change by reducing greenhouse gas emissions and enhancing the resilience of communities and ecosystems. This action is essential for promoting sustained, inclusive, and sustainable economic growth, ensuring full and productive employment, and providing decent work for all. Economic growth should be a positive force globally, which requires that financial progress fosters decent and fulfilling jobs without environmental harm.

MINDMAP



1. List of problems related to my world goal, created with Generative AI

○ Global Problems:

- **Coordination and Cooperation:** Lack of global coordination and cooperation among nations can hinder the effective implementation of climate change measures. Disparities in priorities, resources, and commitments among countries can lead to fragmented efforts.
- **Resource Allocation:** Limited financial resources and funding mechanisms on a global scale may impede the ability of developing countries to integrate climate change measures into their national policies and plans effectively.
- **Technology Transfer:** Unequal access to clean and sustainable technologies across nations poses a challenge to global efforts to mitigate and adapt to climate change. Developing countries may lack the necessary technologies and expertise to implement effective climate change measures.
- **Policy Harmonization:** Divergent national policies and regulatory frameworks related to climate change can create inconsistencies and barriers to international cooperation and implementation of global climate goals.

○ National Problems:

- **Policy Integration:** Many countries struggle to integrate climate change considerations into existing national policies, strategies, and planning frameworks across various sectors such as energy, agriculture, transportation, and urban planning.
- **Capacity Building:** Inadequate human and institutional capacity in developing countries can hinder efforts to effectively implement climate change measures, including mitigation, adaptation, impact reduction, and early warning systems.
- **Public Awareness and Education:** Insufficient public awareness and understanding of climate change issues can impede efforts to mobilize support for climate action and behavioral change among citizens.

- Political Will: Political challenges such as competing priorities, short-term interests, and resistance from vested interests can hinder the formulation and implementation of ambitious climate policies and strategies at the national level.
- Local Problems:
 - Vulnerability and Adaptation: Local communities, particularly in vulnerable regions such as coastal areas, small island states, and arid regions, may face significant challenges in adapting to the impacts of climate change, including sea-level rise, extreme weather events, and changing precipitation patterns.
 - Resource Constraints: Local governments often lack the financial resources, technical expertise, and institutional capacity to develop and implement effective climate change adaptation and mitigation measures at the grassroots level.
 - Data and Information Gaps: Limited access to accurate climate data, information, and early warning systems at the local level can hinder effective decision-making and preparedness for climate-related risks and disasters.
 - Community Engagement: Inadequate community engagement and participation in climate change planning and decision-making processes can undermine the legitimacy and effectiveness of local climate initiatives and interventions.

2. Global Problem related to my world goal:

- A critical global issue of climate action is the difficulties of implementing various international agreements and treaties, which aim to mitigate the adverse effects of climate change and foster sustainable development. One of the many is The Paris Agreement, adopted in 2015, which is a landmark accord within the United Nations Framework Convention on Climate Change (UNFCCC). This agreement works towards limiting global warming and temperature increases, as well as emphasizes the need to set nationally determined contributions. Despite challenges in implementation and compliance, this agreement as well as many

other treaties are vital frameworks for coordinating global efforts to combat climate change and promote environmental sustainability.

3. National Problem related to my world goal:

- Public awareness and education play a pivotal role in shaping the collective response to climate change. However, the lack of adequate understanding and awareness among the general populace poses a significant barrier to effective climate action. Insufficient awareness of the causes, consequences, and urgency of climate change can hinder efforts to mobilize public support for mitigation and adaptation measures. Moreover, without a solid understanding of the issue, individuals may be less inclined to adopt sustainable behaviors and lifestyles that contribute to reducing greenhouse gas emissions and enhancing resilience to climate impacts. Addressing this gap requires comprehensive efforts to educate and engage the public through targeted awareness campaigns, school curricula, media outreach, and community-based initiatives, fostering a culture of environmental stewardship and collective responsibility towards addressing the climate crisis.

4. Local Problem related to my world goal:

- Data and information gaps pose significant challenges to effective decision-making and preparedness for climate-related risks and disasters, particularly at the local level. Limited access to accurate and timely climate data and information inhibits the ability of communities and local authorities to assess vulnerabilities, anticipate potential impacts, and develop appropriate response strategies. Without access to reliable data and early warning systems, communities may be caught off guard by extreme weather events, such as hurricanes, floods, or droughts, exacerbating the severity of their impacts and hindering timely evacuation and disaster response efforts. Bridging these information gaps requires investments in climate monitoring systems, data collection and analysis capabilities, as well as the establishment of robust early warning mechanisms that empower local stakeholders with the knowledge and tools needed to build resilience and adapt to climate change effectively.

5. Target 1:



-
- Integrate climate change measures into national policies, strategies and planning.

6. Target 2:



-
- Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

Section 2: Interpret

<https://www.youtube.com/watch?v=SLEenW2UiUw>

An overview on the concept of climate change, its causes, and its impacts on the environment and human life. It discusses how human activities, such as burning fossil fuels and deforestation, contribute to the increase in greenhouse gases, leading to global warming and changing weather patterns. The video also highlights the importance of taking action to mitigate these effects and adapt to the changes already occurring.

https://www.youtube.com/watch?v=G4H1N_yXBIA

An exploration of the factors driving climate change and its impacts on the environment and human life. It explains how human activities, like burning fossil fuels and deforestation, contribute to the increasing levels of greenhouse gases in the atmosphere. The video also discusses the consequences of climate change, such as rising temperatures, sea level rise, and extreme weather events, and emphasizes the urgent need for global action to mitigate these effects.

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

Intergovernmental Panel on Climate Change (IPCC) report on the latest scientific findings on climate change, focusing on its effects on natural and human systems. It discusses the various vulnerabilities different regions face and highlights the urgent need for adaptation strategies to mitigate these impacts.

<https://www.youtube.com/watch?v=Ie9cACQnqew>

In this Luisa Neubauer discusses the urgent need for climate action and the role individuals can play in driving change. Neubauer emphasizes the importance of activism in influencing policies, raising awareness, and building a collective movement to combat climate change.



Climate Change Education

The purpose of this survey is to gather data for a sample WKU student project about climate change education. Participation is completely anonymous.

michaeldanjolell@gmail.com [Switch account](#)



Not shared

* Indicates required question

Which age group are you? *

Choose

Which option best describes the community you live in? *

Choose

What is the highest level of education you have completed? *

- Less than high school completion
- High school diploma or GED
- Associate degree
- Bachelor's degree
- Master's degree
- Doctorate degree

Namibia drought



How well do you feel you understand the science behind climate change? *

1 2 3 4 5

Not at all Very well

How effective do you believe your education was in teaching you about climate change? *

1 2 3 4 5

Not effective at all Extremely effective

Should there be an increased emphasis on climate change education in schools? *

Yes

No

What aspect of climate change do you think should be emphasized most in education? *

- Causes and scientific basis
- Environmental impacts
- Social and economic impacts
- Mitigation and adaptation strategies
- Policy and global agreements

How much should climate change education focus on local versus global issues? *

- 1 2 3 4 5
- Primarily local issues Primarily global issues

Do you think that the world's climate is undergoing a change that is causing more extreme weather patterns and the rise of sea levels, or is this not happening? *

- Yes, it is happening
- No, it is not happening
- I don't know

City during daytime



Is climate change caused more by human activity, more by natural changes in the environment, or by both equally? *

- Human activity
- Natural changes in the environment

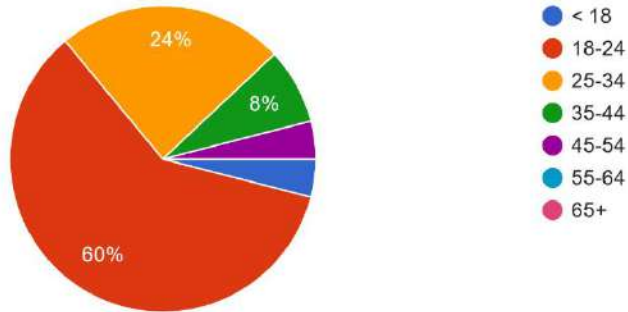
Thank you for your participation!

Submit

Clear form

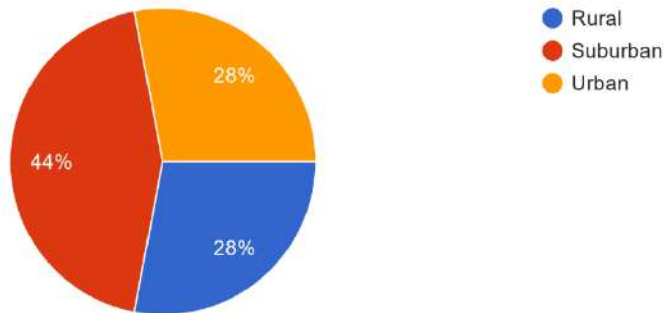
Which age group are you?

25 responses



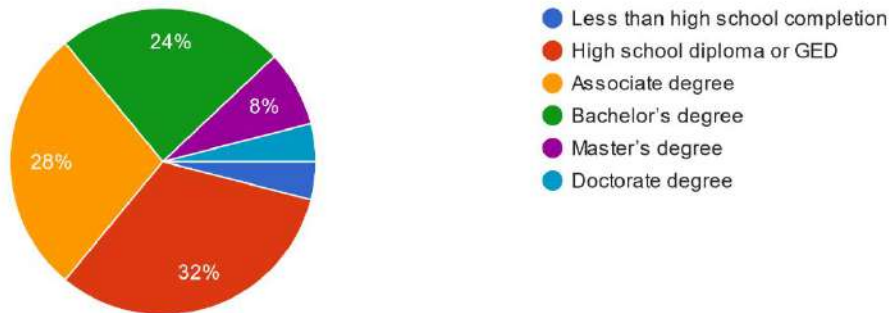
Which option best describes the community you live in?

25 responses



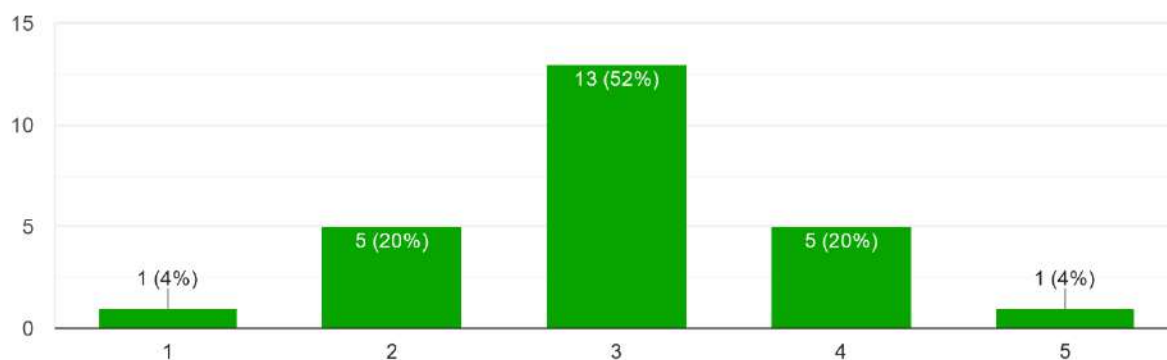
What is the highest level of education you have completed?

25 responses



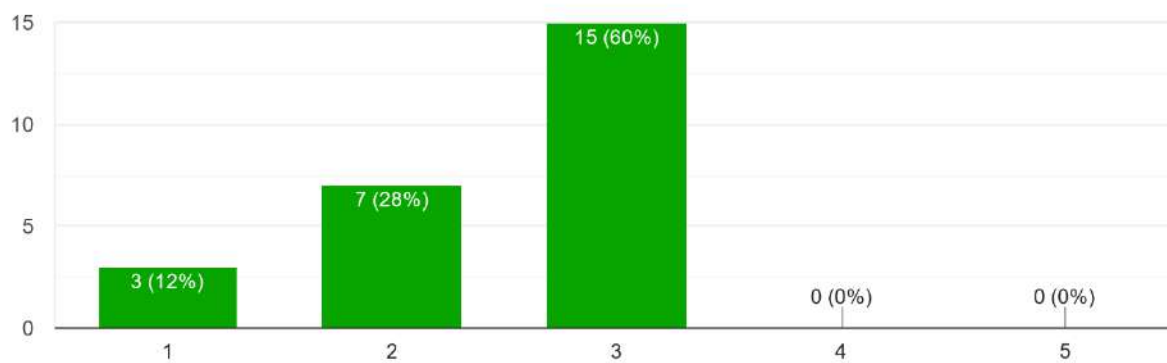
How well do you feel you understand the science behind climate change?

25 responses



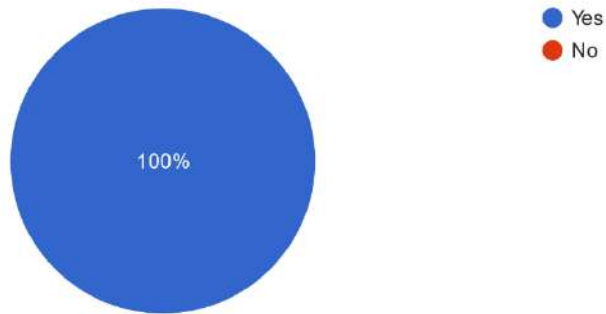
How effective do you believe your education was in teaching you about climate change?

25 responses



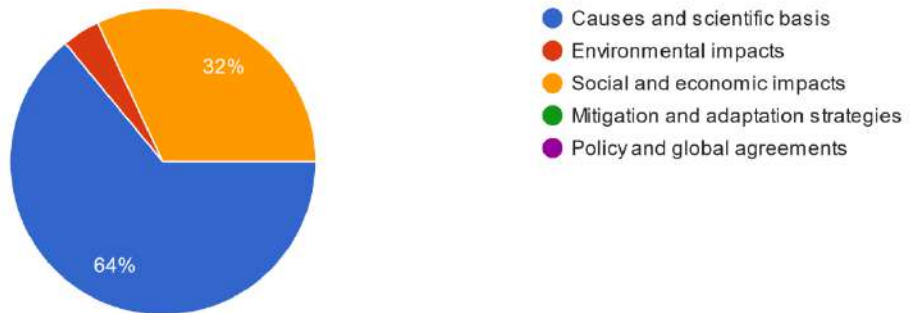
Should there be an increased emphasis on climate change education in schools?

25 responses



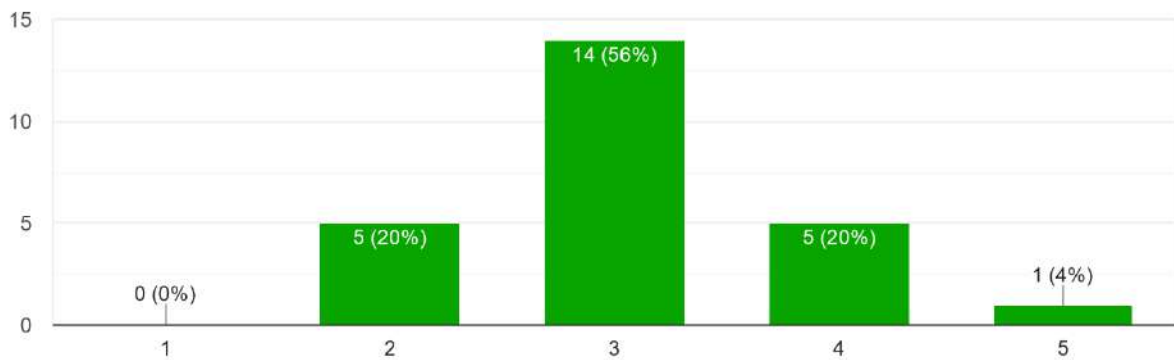
What aspect of climate change do you think should be emphasized most in education?

25 responses



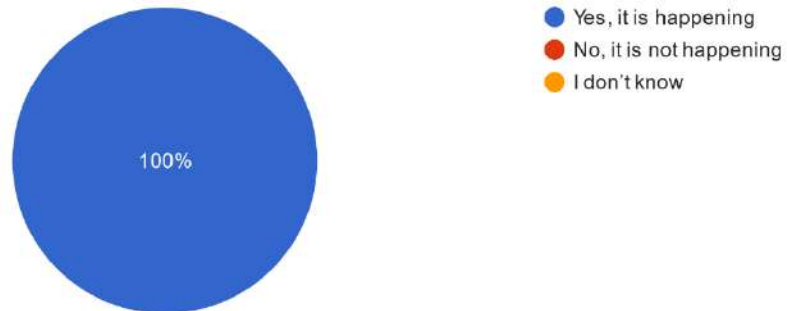
How much should climate change education focus on local versus global issues?

25 responses



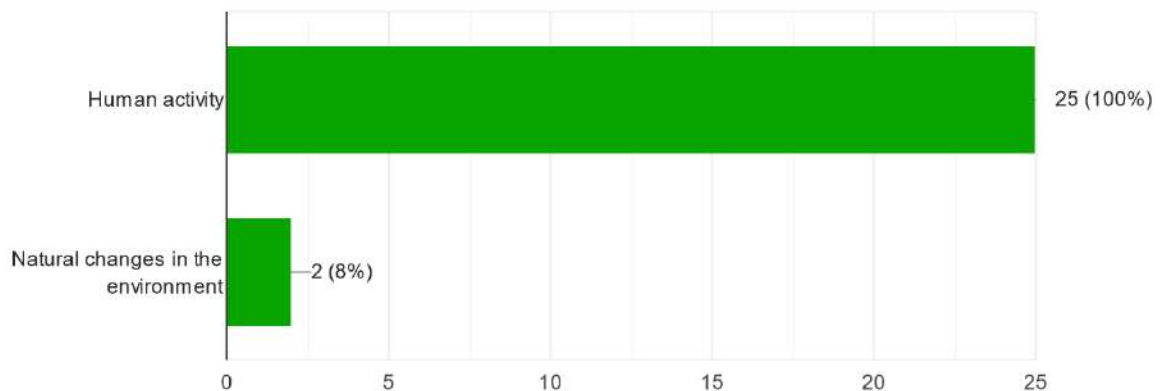
Do you think that the world's climate is undergoing a change that is causing more extreme weather patterns and the rise of sea levels, or is this not happening?

25 responses



Is climate change caused more by human activity, more by natural changes in the environment, or by both equally?

25 responses



The survey results for my advocacy plan show a unanimous agreement that climate change is real, partly caused by human activity, and that climate education needs to be enhanced in schools. While all demographic groups generally share this view, younger generations (<18, 18-24, and 25-34) are more critical of the climate education they have received. Most respondents have a moderate understanding of climate change and are unsure about the effectiveness of their climate education, as well as whether it should focus on local or global issues. However, there is a clear consensus on the need to emphasize the causes and scientific basis of climate change in educational curricula. This indicates a necessity for a more comprehensive and scientifically

grounded climate education that includes both local and global perspectives, enhancing overall understanding and engagement.

Section 3: Brainstorm

Various organizations are actively working to enhance climate education in schools, recognizing the crucial role of informed youth in addressing climate change. Nonprofits like the Alliance for Climate Education (ACE) provide dynamic presentations and educational resources to inspire students to take action. The National Oceanic and Atmospheric Administration (NOAA) offers comprehensive climate literacy programs and supports teachers with data and teaching materials. Additionally, UNESCO's Education for Sustainable Development (ESD) initiative integrates climate education into school curricula worldwide, promoting sustainability and environmental stewardship. These efforts collectively aim to equip students with the knowledge and skills necessary to tackle climate challenges and foster a sustainable future.

List of solutions to climate education, created with Generative AI

1. Integrate Climate Education into the Curriculum
2. Teacher Training and Professional Development
3. Interactive and Experiential Learning
4. School-Wide Initiatives and Green Projects
5. Guest Speakers and Expert Collaborations
6. Utilize Digital Resources and Online Platforms
7. Policy Advocacy and Government Support
8. Community Engagement and Partnerships

Advocacy steps that multiple nonprofits are doing is providing presentations and educational resources to students. Offering climate literacy programs and supporting teachers with data and teaching materials. Integrating climate education into school curriculum worldwide, promoting sustainability and environmental stewardship. ChatGPT provided the following advocacy steps,

integrating climate education into the curriculum involves embedding climate change topics into existing subjects and developing specific modules focused on climate science. Teacher training programs ensure educators are well-prepared, while interactive and experiential learning engages students through hands-on activities and digital tools. School-wide initiatives promote sustainability practices, and guest speakers provide expert insights. Digital resources enhance accessibility to climate education materials, while policy advocacy seeks government support for mandatory climate education. Community engagement through partnerships with NGOs and local entities further strengthens these efforts, creating a collaborative approach to fostering environmental awareness and action.



CLIMATE EDUCATION

INSPIRE

Deliver engaging presentations and educational materials to motivate students to take initiative.



COMMUNICATE

Use social media, educational platforms, and local community networks to distribute climate education resources widely.

HELP

Assist students with starting or joining climate clubs at their schools.



SUPPORT

Attend school board meetings and advocate for the inclusion of comprehensive climate education in the curriculum.

How you can help support climate education

- Attend school board meetings and advocate for the inclusion of comprehensive climate education in the curriculum.
- Work with local environmental organizations or experts to organize climate education workshops for teachers.
- Use social media, educational platforms, and local community networks to distribute these resources widely.
- Help students start or join climate clubs at their schools.
- Develop and share content on blogs, YouTube, and social media platforms that educates and inspires action on climate change.
- Work with local businesses to sponsor climate education programs or provide resources.

Section 4: Propose

The spirit and intent of my PSA are rooted in the belief that education is the most powerful tool we have to combat climate change. By highlighting the urgent need for climate change awareness in our educational systems, the PSA aims to inspire viewers to recognize their potential role in fostering a sustainable future. Through compelling visuals of environmental crises juxtaposed with educational initiatives, the PSA will evoke a sense of both urgency and hope. This emotional connection, combined with clear and accessible data, will help viewers understand the tangible impact of climate education. By providing a direct call to action, whether it's advocating for policy changes, supporting educational programs, or participating in local environmental initiatives. The PSA will empower viewers with the knowledge and motivation to take meaningful steps towards integrating climate change awareness into their communities. This approach ensures that the message not only informs but also catalyzes real-world action, aligning personal responsibility with global sustainability goals.

https://www.canva.com/design/DAGIsQ4HOGM/IdsWLJcfXTFMxUm-L7t_xg/watch?utm_content=DAGIsQ4HOGM&utm_campaign=designshare&utm_medium=link&utm_source=editor

Section 5: Present

Taking the call to action for climate change education is crucial because understanding the science behind climate change empowers individuals and communities to make informed decisions that can mitigate its impacts. As climate change accelerates, its effects—rising temperatures, extreme weather events, and disappearing ecosystems—pose significant threats to our planet and future generations. Education fosters awareness and equips people with the knowledge to adopt renewable energy sources, sustainable practices, and conservation efforts. By prioritizing climate change education, we can drive collective action to protect our environment, ensure a sustainable future, and inspire global change.

https://drive.google.com/file/d/1in2noWeC5E8saqGuTBudEqm_1RuOJEnk/view?usp=sharing

AI Prompt

I have created an advocacy plan where I am calling on individuals to be mindful the importance of investing in climate change education. Can you give me a paragraph of around 150 words to explain how this advocacy plan could be utilized in a workplace training for educators?

AI Writing

Integrating this advocacy plan into workplace training for educators can be highly effective in fostering a culture of climate awareness and action. By emphasizing the importance of climate change education, educators can be equipped with the knowledge and tools to teach students about the environmental challenges we face. The training can include modules on the science of climate change, renewable energy, sustainable practices, and conservation. Additionally, it can offer practical strategies for integrating these topics into various subjects and promoting environmentally responsible behaviors within the school community. This approach not only enhances educators' understanding but also empowers them to inspire and engage students in meaningful climate action, ultimately contributing to a more informed and proactive future generation.

My Rewritten Paragraph

Putting this advocacy plan into workplace training for educators can strengthen climate awareness and action. Educators can acquire the necessary knowledge and tools to educate

students about environmental issues by highlighting climate change education. The training can address subjects like the science behind climate change, renewable energy sources, sustainable practices, and conservation. On top of this, it can offer practical methods for blending these topics into different subjects and encouraging eco-friendly behaviors within the school environment. This approach not only enhances educators' comprehension but also enables them to motivate and interact with students in significant climate initiatives, allowing future generations to be more informed on climate change.

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