Global Challenges Multimedia Project

Overview: Teaching through current global challenges means integrating pressing global issues into the curriculum to help students understand and address these challenges. The global challenges are complex issues that affect people worldwide, require urgent attention, and need collaborative efforts to solve.

Current top twenty Global Challenges:

1. **Climate Change**
   - **Description**: The long-term alteration of temperature and typical weather patterns in a place. Climate change can lead to severe weather events, rising sea levels, and disruptions to ecosystems
2. **Poverty**
   - **Description**: The state of being extremely poor. Poverty affects millions worldwide, limiting access to basic needs such as food, shelter, and healthcare
3. **Food Insecurity**
   - **Description**: The state of being without reliable access to a sufficient quantity of affordable, nutritious food. Food insecurity can lead to malnutrition and health problems
4. **Water Scarcity**
   - **Description**: The lack of sufficient available water resources to meet the demands of water usage within a region. Water scarcity affects agriculture, health, and economic development
5. **Gender Inequality**
   - **Description**: The disparity in status, power, and opportunities between men and women. Gender inequality affects education, employment, and health outcomes
6. **Access to Education**
   - **Description**: The availability of educational opportunities for all individuals. Lack of access to education limits economic opportunities and social mobility
7. **Health Crises**
   - **Description**: Widespread health emergencies, such as pandemics, that affect large populations. Health crises can overwhelm healthcare systems and lead to significant loss of life
8. **Economic Inequality**
   - **Description**: The unequal distribution of wealth and income within a population. Economic inequality can lead to social unrest and limit economic growth
9. **Conflict and Violence**
   - **Description**: Armed conflicts and violence that disrupt societies and lead to loss of life and displacement. Conflict and violence hinder development and stability
10. **Environmental Degradation**
    - **Description**: The deterioration of the environment through depletion of resources, destruction of ecosystems, and pollution. Environmental degradation affects biodiversity and human health
11. **Human Rights Violations**

- **Description**: The infringement of fundamental rights and freedoms. Human rights violations can occur in various forms, including discrimination, torture, and lack of freedom of speech
12. **Migration and Refugee Crises**
    - **Description**: The movement of people due to conflict, persecution, or economic hardship. Migration and refugee crises can strain resources and create social tensions
13. **Cybersecurity Threats**
    - **Description**: The risk of cyber attacks that can compromise data, privacy, and national security. Cybersecurity threats affect individuals, businesses, and governments
14. **Global Health**
    - **Description**: The health of populations in a global context, including issues such as infectious diseases, chronic diseases, and access to healthcare
15. **Sustainable Development**
    - **Description**: Development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable development encompasses economic, social, and environmental dimensions
16. **Energy Crisis**
    - **Description**: The shortage of energy resources needed to power economies and societies. Energy crises can lead to economic instability and environmental harm
17. **Urbanization**
    - **Description**: The increasing population shift from rural to urban areas. Urbanization can lead to overcrowding, pollution, and strain on infrastructure
18. **Aging Population**
    - **Description**: The increasing proportion of elderly individuals in the population. An aging population can strain healthcare systems and social services
19. **Biodiversity Loss**
    - **Description**: The decline in the variety of life in a particular habitat or globally. Biodiversity loss affects ecosystems and human well-being
20. **Technological Disruption**
    - **Description**: The rapid advancement of technology that can disrupt industries and societies. Technological disruption can lead to job displacement and ethical concerns

Source: [These are the biggest global risks we face in 2024 and beyond - World Economic Forum](#)

Global Challenges Multimedia Project Assignment

This assignment allows students to explore and present global issues through various creative mediums, promoting critical thinking, creativity, and collaborative learning.

Steps to Facilitate the Assignment:
1. **Introduction**:
   o Explain the purpose and objectives of the Global Challenges Multimedia Project.
   o Highlight the importance of understanding and addressing global challenges through creative expression.
2. **Topic Selection**:
   o Allow students to choose a global challenge from a provided list or propose their own topic.
   o Example Topics: Climate change, poverty, food insecurity, gender inequality, access to education.
3. **Group Formation**:
   o Divide students into small groups based on their chosen topics.
   o Encourage diverse group composition to bring different perspectives and skills.
4. **Research and Exploration**:
   o Instruct students to conduct thorough research on their chosen global challenge.
   o Provide guidelines for reliable sources and encourage interdisciplinary exploration.
5. **Creative Medium Selection**:
   o Allow students to choose a creative medium for their project, such as:
     ▪ **Video Documentary**: Create a short documentary highlighting the global challenge and potential solutions.
     ▪ **Podcast Series**: Develop a podcast series discussing various aspects of the global challenge.
     ▪ **Digital Storytelling**: Use tools like StoryMapJS or Adobe Spark to create an interactive digital story.
     ▪ **Art Installation**: Design an art installation that visually represents the global challenge and its impact.
     ▪ **Theatrical Performance**: Write and perform a short play that dramatizes the global challenge.
6. **Project Development**:
   o Facilitate the development of the multimedia project, ensuring students are actively engaged and collaborating.
   o Encourage creativity, critical thinking, and effective communication.
7. **Presentation**:
   o Organize a presentation session where each group showcases their multimedia project to the class.
   o Encourage peer feedback and discussion.

<div align="center">**Sample Assessment Options**</div>

Reflection:
Use reflective prompts to encourage students to think about their learning experiences and the connections to global challenges.
Example Prompts:
- "What did you learn about the global challenge through this project?"
- "How did the creative medium enhance your understanding and presentation of the issue?"
- "What challenges did you encounter during the project, and how did you overcome them?"
-

Reflective Essay
Guidelines for Reflective Essay:
1. **Introduction**:
   - **Topic Selection**: Explain the chosen global challenge and why it was selected.
   - **Project Overview**: Provide an overview of the multimedia project and the creative medium used.
2. **Research and Content**:
   - **Research Process**: Describe the research process and the sources used.
   - **Key Findings**: Discuss the key findings and insights gained from the research.
3. **Creative Process**:
   - **Medium Selection**: Explain the choice of creative medium and its effectiveness in presenting the global challenge.
   - **Development**: Describe the development process and any creative decisions made.
4. **Collaboration and Teamwork**:
   - **Group Dynamics**: Reflect on the collaboration and communication within the group.
   - **Challenges and Solutions**: Discuss any challenges encountered and how they were addressed.
5. **Impact and Engagement**:
   - **Audience Engagement**: Reflect on how the project engaged the audience and conveyed the importance of the global challenge.
   - **Call to Action**: Discuss the effectiveness of the project's call to action or proposed solutions.
6. **Personal Growth**:
   - **Learning Insights**: Reflect on personal learning insights gained from the project.
   - **Skills Development**: Discuss the development of critical thinking, creativity, and collaborative skills.

Assessment Option:
Assess student learning through the multimedia project, presentations, and reflections.

Rubric:

Criteria	Excellent (4)	Good (3)	Satisfactory (2)	Needs Improvement (1)
Depth of Research	Thorough and accurate research with diverse sources	Good research with relevant sources	Basic research with limited sources	Incomplete or inaccurate research
Relevance	Highly relevant content addressing the global challenge	Relevant content with clear connections	Some relevance but lacks depth	Irrelevant or unclear content
Integration of Sources	Seamless integration of interdisciplinary perspectives	Good integration of sources	Basic integration of sources	Poor integration of sources
Creative Medium	Highly effective and innovative use of medium	Effective use of medium	Basic use of medium	Ineffective use of medium
Innovation	Original and highly creative project	Creative project with some originality	Basic creativity	Lacks creativity
Visual and Auditory Quality	High-quality visuals and audio	Good quality visuals and audio	Basic quality visuals and audio	Poor quality visuals and audio
Group Dynamics	Excellent collaboration and communication	Good collaboration and communication	Basic collaboration	Poor collaboration
Contribution	Significant contributions from all members	Good contributions from most members	Basic contributions	Limited contributions
Problem-Solving	Effective problem-solving and teamwork	Good problem-solving and teamwork	Basic problem-solving	Poor problem-solving
Audience Engagement	Highly engaging and impactful	Engaging and impactful	Some engagement	Lacks engagement

Criteria	Excellent (4)	Good (3)	Satisfactory (2)	Needs Improvement (1)
Call to Action	Highly effective call to action	Effective call to action	Basic call to action	