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| Activity plan | | | | |
| ACTIVITY PLAN | | | | |
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| **Theme** | **Subtopic** | **Activity Title** |
| 1. Environmental Awareness and Conservation | 1.3. Climate change and renewable energy | Creating a poster for the impact of climate change on the environment |

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| Introduction part (or activity overview) |
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| **Introduction part (or activity overview)** | This session is designed to deepen students' understanding to create visually impactful posters that raise awareness about the effects of climate change on the environment.  By following this activity plan, you can empower your students to use their artistic skills to raise awareness about the urgent issue of climate change and its impact on the environment. |
| **SETTING** | Classroom complemented by digital research. |

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| Materials Needed |
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| **Materials Needed** | - Poster boards or large sheets of paper  - Markers, colored pencils, or paints  - Reference materials (books, articles, websites) about climate change and its impact on the environment  - Printouts of relevant images or graphics (optional)  - Glue or adhesive (if using printed images) |

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| **Learning Outcomes** | * Developing deep understanding about climate change and its impact on the environment; * Improving proficiency in expressing an opinion about a certain phenomenon through a drawing; * Enhancing skills in digital research and data analysis; * Improving ability to critically analyze and discuss about climate change and its impact on the environment; |  |
| **Activity Contents** | **Activity1 Steps** (Duration: 2-2.5 hours, depends on the complexity of designs and available class time)  **Activity (Designing a poster)**  **Theoretical part 1: (20 minutes):**  The teacher explains to students what is climate change and its impact on the environment, and gives examples of environmental changes.  Students watch short videos:  Video 1 : <https://www.youtube.com/watch?v=G4H1N_yXBiA>  Duration:(3min 6 sec)  Overview: Climate change refers to long-term shifts in temperatures and weather patterns. Human activities have been the main driver of climate change, primarily due to the burning of fossil fuels like coal, oil and gas.  Video2 : <https://www.youtube.com/watch?v=G9t__9Tmwv4>  Duration: (5min 55 sec)  Overview: What is climate change and how to deal with climate change?  **Task1: (30 minutes)**  Teacher brainstorm ideas from students for their posters, conduct research to gather facts, statistics, and images.  The teacher divides the students into groups of 4. The teacher gives an assignment to the students to sketch out their poster designs, encourage them to include impactful imagery, concise text, and effective use of color to convey their message.  **Task2: (60-80 minutes)**  Students begin creating their posters, using poster boards or large sheets of paper markers, colored pencils, or paints to bring their designs to life,  Teacher encourages creativity and experimentation with different techniques and styles, encourages incorporating key messages about the impact of climate change on the environment, but also compelling text and captions to accompany visual elements.  Teacher provides feedback and guidance to students as they work on their posters, encouraging peer feedback and collaboration.  Students add any final touches or details , review their posters and make any necessary adjustments.  **Task 3: (30 minutes)**  Students present their work to the class, explain their design choices and the messages they aimed to convey. Discussion about the importance of raising awareness about climate change and the role of art in advocacy.  The teacher helps to students to display the completed posters around the school or in a public area to share the students' messages with a wider audience. Students share theposters on social media or submit them to local environmental organizations or events.  **Additional Tips:**  The teacher should provide examples of effective posters about climate change to inspire students and illustrate different design approaches.  The teacher encourages students to use their own voice and perspective to create unique and impactful posters and emphasizes the importance of accurate information and factual content in conveying the seriousness of climate change. |  |
| **Assessments** | * Assessment of Web Quest reports for depth of research and understanding. * Evaluation of the thoroughness and accuracy of field observation records. * Group presentations synthesizing fieldwork findings, with a focus on climate change and the impact on the environment |  |
| **Key Competences** | * Cognitive competence * Cultural competence * Creativity competence |  |
| **Connections with Eco STEAM** | **Eco**- using their artistic skills to convey a message about the seriousness of the impact of climate change on man and nature  **S**cience - ecological science (study of the impact of climate change on biodiversity in nature)  **T**echnology- use of digital tools for research  **E**ngineering -thinking in the future to use alternative sources of energy in order to reduce the impact of man on nature  **A**rts -designing poster by their own  **M**ath - data analysis about the impact of climate changeon biodiversity |  |
| **References** | •Academic and scientific literature on the impact of climate change, ecosystems, and prevention  •Online databases and resources for the impact of climate change on animals, plants, human health |  |
| **Notes** | •In different areas or countries in the world, the impact of climate change is different  •Encourage students to use examples from their immediate environment  •Encourage students to reflect on their role in reducing the human impact on climate change by using renewable energy sources |  |

**Assessment Table for Web Quest Reports:**

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| Assessment Criteria | Points | Comments |
| Depth of Research | \_\_/5 |  |
| Understanding of climate change impact | \_\_/5 |  |
| Accuracy of Information | \_\_/5 |  |
| Quality of Presentation | \_\_/5 |  |
| Use of Visuals | \_\_/5 |  |

**Assessment Table for individual Presentation:**

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| Assessment Criteria | Points | Comments |
| Comprehensiveness of Findings | \_\_/5 |  |
| Clarity in Presentation of Data | \_\_/5 |  |
| Understanding of climate change impact | \_\_/5 |  |
| Ecological Interpretations and Insights | \_\_/5 |  |
| Clarity of design in expressing the problems caused by climate change | \_\_/5 |  |
| Use of Visual Aids in Presentation | \_\_/5 |  |