



**Reflection for the Chosen YLP Project**  
**Youth Leadership Programme – TNG Wakra Primary and Secondary: Session 2023-**

**24**

**Teacher’s Name: M s Sumara Bano**  
**Co Teacher’s Name: Ms Saba Shabir**

**Class: 7A**

**Number of students: 21**

<b>1-</b>	<b>The finalized SDG for YLP chosen by your class</b>
	Affordable and clean Energy
	The future is affordable and clean energy as transition to clean and renewable energy is necessary for addressing environmental challenges and offers numerous economic, social, and health benefits for society.
<b>2-</b>	<b>Reason behind choosing the SDG</b>
	Clean and renewable energy is the future due to its environmental benefits, sustainability, energy security, economic opportunities, cost competitiveness, resilience, public health improvements, and ongoing technological advancements. This transition is essential for addressing climate change, reducing pollution, enhancing energy security, and fostering economic growth.
	In Qatar, clean and renewable energy include solar power installations, green buildings with energy-efficient systems, exploring wind energy potential, integrating renewables into desalination plants, investing in a hydrogen economy, promoting research and innovation, and engaging in international partnerships. These efforts contribute to sustainability, energy security, and economic diversification in the country.
<b>3-</b>	<b>Project Out lines</b>
	Brief overview of the global energy landscape. Importance of transitioning towards affordable and clean energy sources
	Conduct a thorough analysis of current energy sources and their impact on the environment. Identify existing affordable and clean energy technologies. Explore potential barriers and challenges to widespread adoption
	Highlight innovative technologies in renewable energy generation (solar, wind, geothermal etc.) Highlight advancements in energy storage solutions. Discuss emerging trends such as smart grids and decentralized energy systems.
	Engage with local communities to raise awareness and gather feedback. Foster partnerships, and private sector stakeholders. Empower communities to participate in the transition to clean energy.
	Summarize key findings and outcomes. Reinforce the importance of collaborative efforts in achieving affordable and clean energy goals. Call to action for continued support and commitment to sustainability.

<b>4-</b>	<b>What are the big questions behind your YLP Project –state 5-10 critical questions related to it</b>
	How can the world transition to a sustainable and resilient energy system primarily based on renewable sources, addressing challenges related to technology, infrastructure, policy, economic viability, and societal acceptance, to ensure a reliable and equitable energy future while mitigating the impacts of climate change?
	How can nations, industries, and communities collaboratively develop and implement integrated strategies encompassing technological innovation, policy frameworks, societal engagement, and global cooperation to achieve net-zero emissions, ensuring environmental sustainability, social equity, and economic resilience in the face of climate change challenges?
	How can we effectively balance the need for affordable energy access with the imperative to transition to cleaner, renewable sources?
	What innovative financing mechanisms and policies can be implemented to accelerate the adoption of clean energy technologies while ensuring affordability for all communities?
	How can we address the challenges of energy equity and inclusivity to ensure that the benefits of clean energy are accessible to marginalized and low-income populations?
<b>5-</b>	<b>How many groups are you having in your class for YLP Presentations?</b>
	Net Zero Group
	Solar Energy Group
	Wind Energy Group
	Geothermal Group
<b>6-</b>	<b>What is the big idea behind your YLP Project?</b>
	A "Big Idea" for clean and affordable energy is the development of a decentralized, community-driven energy network powered by renewable sources and supported by innovative financing models. This concept would involve creating local microgrids utilizing solar, wind, and other renewable resources, allowing communities to generate their own clean energy. Additionally, the implementation of community-based financing mechanisms, such as crowdfunding or community-owned cooperatives, could enable residents to invest in and benefit from the infrastructure, making clean energy accessible and affordable for all.
<b>7-</b>	<b>What is the expected final outcome of your YLP Project?</b>
	To understand the importance of transitioning to renewable energy sources for a sustainable future. They can learn about various renewable energy technologies like solar, wind, and hydro power, and grasp the concept of affordability in terms of initial investment versus long-term savings and environmental benefits. They may also explore how communities and individuals can contribute to the adoption of clean energy through small-scale actions like energy conservation and advocacy for renewable energy policies. Overall, the outcome would aim to instill a sense of environmental stewardship and empower students to make informed choices for a cleaner, more sustainable energy future.

<b>8-</b>	<b>What kind of collaborative activities have you instructed for the YLP Project?</b>
	Community Engagement
	Survey
	Field Trip
	Awareness campaign
	Workshops
	Report
<b>9-</b>	<b>Are you providing support to your students for research prompts/websites and discussing why they have chosen a particular website?</b>
	<a href="https://www.eia.gov/">https://www.eia.gov/</a>
	<ul style="list-style-type: none"> <li>I. Educational Content: The Energy Kids website offers easy-to-understand explanations and interactive resources tailored for students. It covers various energy sources, including renewable options like solar and wind power, in a kid-friendly format.</li> <li>II. Engaging Activities: The site includes fun activities, games, and quizzes that help students learn about energy concepts while keeping them engaged and entertained.</li> <li>III. Reliable Source: The U.S. Energy Information Administration is a reputable government agency responsible for providing accurate and up-to-date energy data and information. Students can trust the content on the Energy Kids website to be reliable and credible.</li> <li>IV. Accessible Resources: The website provides a wealth of information on different energy topics, making it easy for students to explore their interests and find answers to their questions about clean and affordable energy.</li> </ul>
<b>9-</b>	<b>How are you ensuring the participation of each and every child in YLP?</b>
	<p>Inclusive Environment: Create a safe and welcoming space where every child feels valued and respected.</p> <p>Varied Activities: Offer diverse activities to cater to different learning styles and interests, ensuring everyone can engage.</p> <p>Encourage Participation: Actively encourage and support every child to contribute their ideas and perspectives during discussions and activities.</p> <p>Individual Support: Provide personalized assistance and accommodation as needed to ensure all children can fully participate.</p> <p>Rotate Responsibilities: Rotate leadership roles regularly to give every child a chance to lead and develop their skills.</p> <p>Feedback Loop: Maintain open communication channels for children to express their needs and provide feedback on the program's effectiveness.</p>

<b>11-</b>	<b>Have you provided the concept of timelines to the students for research, the connection of the reach study with their project and its impact in future?</b>
	<p>I. Introduction to Timelines: Explained the importance of timelines in research projects, emphasizing the need to set specific deadlines for completing different tasks such as research, data collection, analysis, and presentation preparation.</p> <p>II. Project Relevance: Shown students how adhering to timelines is crucial for the success of their research projects. By completing tasks on time, they ensure they have enough data and information to support their project's objectives and conclusions.</p> <p>III. Future Impact: Discussed how developing time management skills and meeting deadlines in their research projects will benefit students in the future. These skills are essential for academic success, professional growth, and personal development, helping them become more organized, efficient, and productive individuals.</p>
<b>10-</b>	<b>How are you planning to communicate the YLP projects?</b>
	<p>Regular updates and reminders to students via email or announcements in class. These updates will include important deadlines, progress checkpoints, and any additional resources or support available to students.</p> <p>Schedule individual check-in sessions with students to monitor their progress, address any challenges they may be facing, and provide personalized guidance and support as needed. These check-ins can be conducted in-person or virtually, depending on student preferences and availability.</p> <p>Final Presentation and Showcase: At the project's end, organize a final presentation and highlight event where students can present their research findings to their peers, teachers, and parents. This event will celebrate their achievements and provide a platform for sharing knowledge and insights gained from their projects.</p>
<b>11-</b>	<b>Are you and your students clear about how they are contributing to make the world Sustainable through this research and project?</b>
	<p>Students have firm conviction that projects on clean and sustainable energy contribute to making the world more sustainable. By researching and promoting renewable energy sources like solar, wind, and hydro power, we are helping to reduce greenhouse gas emissions and mitigate climate change. Additionally, by raising awareness about the importance of clean energy and advocating for its adoption, we are contributing to a more sustainable future for generations to come.</p>
<b>12-</b>	<b>Are your students able to make real life connections/ to Qatar or any changes they are suggesting for their school through their research and project?</b>
	<p>In Qatar, clean and renewable energy include solar power installations, green buildings with energy-efficient systems, exploring wind energy potential, integrating renewables into desalination plants, investing in a hydrogen economy, promoting research and innovation, and engaging in international partnerships. These efforts contribute to sustainability, energy security, and economic diversification in the country.</p>
<b>13-</b>	<b>What is your plan for providing weekly updates for YLP to the parents as per the Email shared with you?</b>
	<p>Student activities are posted on Teams, including pictures of them participating in workshops, surveys, and other events. Flyer teasers are regularly sent out to emphasize the importance of these activities and keep parents informed about the Youth Leadership Program (YLP). Additionally, monthly newsletters are distributed to summarize the progress made each month.</p>

14	<b>Have you created experiential learning opportunities for your students, or is it performance based? Please choose and elaborate your answer how?</b>
	In the Youth Leadership Program, experiential learning is integral to our approach, offering students hands-on experiences to deepen their understanding of leadership and sustainability. Through simulations and role-playing exercises, students develop teamwork and decision-making skills in realistic scenarios. Field trips and site visits provide firsthand exposure to sustainable practices, inspiring students and reinforcing classroom learning. Collaborative projects and group work encourage teamwork and critical thinking as students tackle real-world challenges together. Reflection and feedback mechanisms ensure students actively engage with their learning, fostering continuous growth and improvement. By immersing students in experiential learning opportunities, we equip them with the skills, knowledge, and confidence to become effective leaders and agents of positive change in their communities and beyond.
15	<b><u>Way Forward- Next Steps</u></b>
	Each team has completed their respective tasks, with students focusing on their assigned areas. Each group has prepared PowerPoint presentations and reports detailing their findings and contributions. Now, the next step is to collaborate and consolidate these individual reports into a comprehensive document, highlighting the work of each group. Additionally, we aim to create a video presentation highlighting the collective efforts and accomplishments of the students in their respective projects.
16	<b>Are you updating the YLP Analysis Tool Regularly Every week?</b>
	Updated
17	<b>Were you able to apply the learning's of the SDG course done with your students?</b>
	Yes, we have successfully applied the learnings from the Sustainable Development Goals (SDG) course with our students. Through the course, students gained a deeper understanding of the global challenges addressed by the SDGs and learned about the importance of sustainability and responsible citizenship. We integrated these learnings into our curriculum and projects, ensuring that students' activities and initiatives align with the principles and objectives of the SDGs. By incorporating SDG-related topics into discussions, assignments, and projects, we fostered global awareness and encouraged students to act towards creating a more sustainable and equitable world.

YLP Class list with students' project's details		
Student's Name	YLP Project Title /SDG	Expected Outcomes
Dania Sarah Azka Zoha Inaya	SDG 7 - Affordable and clean Energy Net Zero Group	NetZero and sustainable energy are closely intertwined concepts in the realm of environmental sustainability and combating climate change. "NetZero" refers to achieving a balance between the amount of greenhouse gases produced and the amount removed from the atmosphere.  <b>PowerPoint, Poster, Final draft of Report</b>
Ayesha Roshanay Noor ul Jannat Aan Fatima	SDG 7 - Affordable and clean Energy Solar energy	Solar energy is radiant light and heat from the Sun that is harnessed using various technologies, primarily solar panels, to generate electricity or heat water for residential, commercial, and industrial purposes  <b>PowerPoint, Poster, Final draft of Report</b>
Hafsah Nawal Fatima Anayah Maryam	SDG 7 - Affordable and clean Energy Wind energy	Wind energy is a renewable energy source derived from harnessing the kinetic energy of wind to generate electricity.  <b>PowerPoint, Poster, Final draft of Report</b>
Menaal Hooria Anfal Zainab Maryam	SDG 7 - Affordable and clean Energy Geothermal energy	Geothermal energy is a renewable energy source derived from the heat stored beneath the Earth's surface  <b>PowerPoint, Poster, Final draft of Report</b>

**Teacher's Signature:**  
**DHM's Signature:**

**Co Teacher's Name: \_**  
**HM's Signature: \_**