



EARTH MENDERS

Date: 17/09/21

“Leadership is self-made. People who have deliberately decided to become problems solver lead better.”

- Martin Luther King Jr.

Dear Parent,

We at Lotus Valley International School, NE believe that the learners of today are the future of tomorrow. In our endeavour to sensitize them towards some of the major global problems like water conservation, energy conservation and climate change, we are organizing a science showcase ‘Earth Menders’ from 20.09.2021 to 24.09.2021. The planned activities incorporate the UN Sustainable Development Goals – Goal 6- Clean Water and Sanitation, Goal 11- Sustainable Cities and Communities, and Goal 12- Responsible Consumption. Our learners will be involved in various activities that will develop their curiosity and lead them to create sustainable solutions.

Grade	Name of the activity	Research topic	Activity	Learning Objectives
VI	Be Water Wise!	Water footprint- Learners will research the term water footprint and calculate their water footprint for a term of 1 year. They will also research ways to reduce their water footprint	<i>Create an infographic- My Water footprint</i>	Learners will be able to- <ul style="list-style-type: none">develop insights into how the goods we buy and use can contribute to our indirect water footprint.get sensitized to water usage/ wastage and pledge to reduce their water footprint
VII	Every Drop Counts!	Water audit- Learners will research and calculate their water usage in daily household activities like bathing, washing clothes, utensils etc. They will also find ways of reducing wastage of water	<i>Create a Bar Graph/Pie chart using the data collected through audit and present it in Prezi / Canva presentation.</i>	Learners will be able to- <ul style="list-style-type: none">calculate their water usage in daily household activitiesget sensitized about wastage of water done on a daily basisbecome aware and make others aware about ways of reducing wastage
VIII	Energy saved is Energy produced	Home Energy Audit- Learners will research their energy consumption over a period of 1 month. They will also identify ways to reduce the wastage of energy.	<i>Create a digital poster on Canva or any other platform of choice.</i>	Learners will be able to- <ul style="list-style-type: none">identify the areas deserving tighter control to save energy expenditure.determine opportunities to improve efficiency.
IX	I can be sustainably fashionable	Sustainable Lifestyle- Learners will research and discuss sustainable lifestyle/products like	<i>Create a Pecha Kucha presentation</i> https://www.pechakucha.com/	Learners will be able to- <ul style="list-style-type: none">enhance their knowledge and gain information about various companies which

		sustainable clothing, shoes, bamboo utensils, electronic items etc and promote products from eco-friendly companies.		<p>are contributing towards sustainability with their products.</p> <ul style="list-style-type: none"> ● become aware of the various choices available for promoting a sustainable lifestyle.
X	Manage your e-Waste	<p>Waste Management - Markets are flooded with new gadgets every day; upgraded software and hardware, leading to early obsolescence of the electronics and electric equipment. This is putting heavy pressure on e-waste disposal. The proposed activity will not only apprise students with upcoming threats to humans and the environment caused by casual e-waste disposal but also motivate them to sensitize their co-students, friends, and neighbours about it. Learners will research</p>	<p><i>Create a digital pamphlet on Canva for creating awareness on the proper disposal of e-waste and its effects if not done properly. Learners should provide statistics of yearly e-waste disposal in any state of India.</i></p> <p>https://www.canva.com/</p>	<p>Learners will be able to-</p> <ul style="list-style-type: none"> ● develop an understanding of e-waste management ● conduct awareness drive on e-waste management ● facilitate e-waste collection at home/in school and establish linkages with an authorized e-waste recyclers

Looking forward to a week full of exploration, research and joy of learning.

Warm regards

Ms Indu Yadav
Principal