








EARTH MENDERS

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

- Martin Luther King Jr.

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 and energy conservation and to boost their critical and creative thinking skills, we are organizing a science week ‘Earth Menders’ from 24.09.2021 to 25.09.2021. These activities are in sync with the UN Sustainable Development Goals like Goal 11 - Sustainable Development, Goal 13 - Climate Action, Goal 6 - Clean Water and Sanitation. Our learners will be involved in various activities that will enhance their critical thinking skills and lead them to find creative solutions.

Grade	Name of the activity	Research topic	Activity	Learning Objectives
III	Waste Management Don't Litter, It makes the world bitter!	Waste Management- Learners will discuss how to combat waste by reusing, recycling and reducing.	Replacement for non-biodegradable products <ul style="list-style-type: none">● Sorting of dustbins ● Quiz on biodegradable and non-biodegradable products https://quizizz.com/admin/quiz/5f92ac47f5d967001bdda25a● Best out Waste 	Learners will be able to: <ul style="list-style-type: none">● understand 3Rs● differentiate between biodegradable and non-biodegradable things.

IV	<p>Carbon Footprint Get the Hint, Don't Leave Your Footprint</p>	<p>Carbon Footprint- Energy Learners will conduct research on how we, as individuals, each have a carbon footprint and how this affects our planet Earth.</p>	<p>Learners will create an infographic on their environmental footprint, concluding if they use the appropriate energy sources.</p> <ul style="list-style-type: none"> ● What are carbon footprints? https://www.youtube.com/watch?v=DKDqIRMHscQ ● Research on the only country in the world that has a negative carbon footprint. ● Calculate your carbon footprint http://www.parkcitygreen.org/Calculators/Kids-Calculator.aspx ● Quiz on Carbon footprint - Quizizz https://quizizz.com/admin/quiz/61446cf10fc9001eb72890 <p>Compare and Contrast Carbon Footprint</p>  <p>What leads to carbon footprint :</p>  <p>Positive Environmental Footprint</p>	<p>Learners will be able to:</p> <ul style="list-style-type: none"> ● develop their understanding about energy needs of individuals
V	<p>Water Footprint Every Drop Counts</p>	<p>Learners will research the footprint of any one object. They will also find ways to reduce this.</p>	<p>Calculate the water footprint of any one item like: T.V, Mobile etc. and will represent it through Infographic chart.</p> 	<p>Learners will :</p> <ul style="list-style-type: none"> ● get sensitized about their water footprint and how they can reduce it.

Indu Yadav
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(Principal)