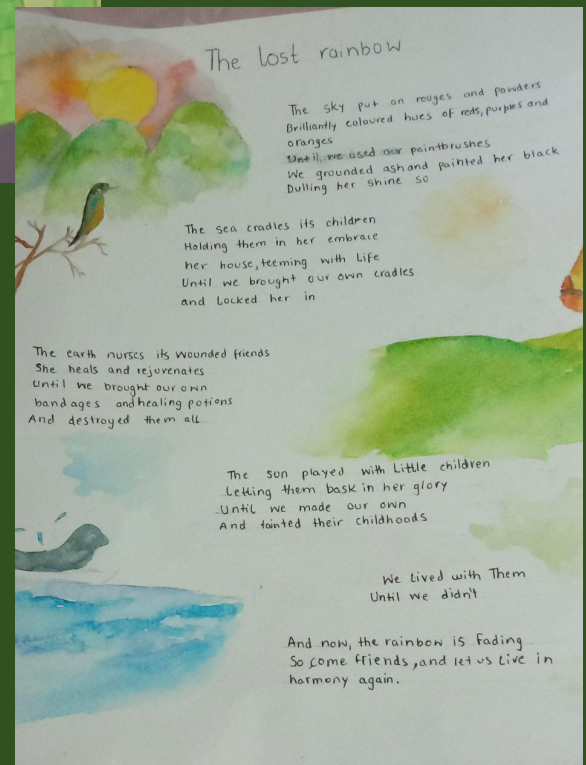
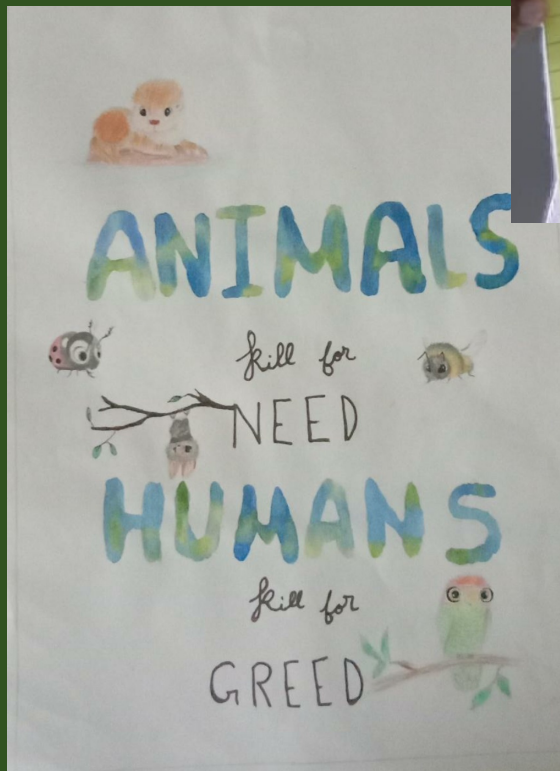
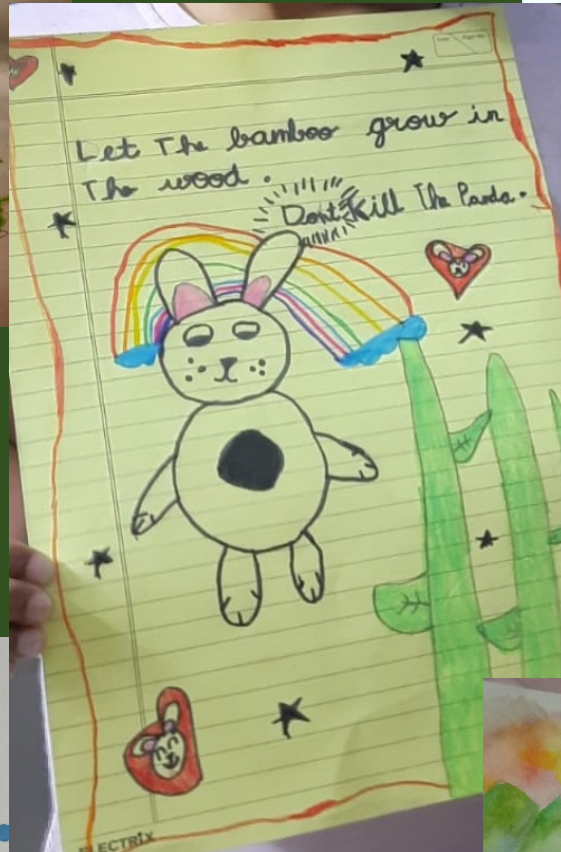
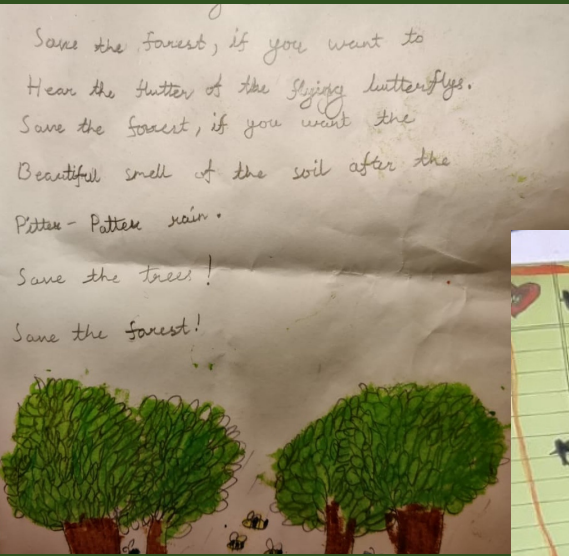


**WORDPLAY** is an interdisciplinary Learning program of **REGNESYS**, an initiative to create next generation planet stewards



**WORDPLAY 's Nature writing workshops are designed to partner with schools to raise environmental awareness among children through weaving arts and science.**

These programs aligns with the interdisciplinary learning and environmental consciousness proposed in **NEP 2023** to create a holistic environmental education that equips students with the knowledge, skills, and values necessary to address environmental challenges and contribute to a sustainable future.



**UNESCO's 5 objectives for Environmental Education (EE) are awareness, knowledge, attitude, skills, and participation.**

**After having worked with around 600 children of various age groups, from preschool to high school, across 11 cities, 4 countries, and 3 education boards in both online and offline modes, REGENESYS now intends to partner with schools.**

# Glimpses of Some Elementary School programs



**Save the species:**  
Climate change is resulting in situations that animals do not have enough time to learn how to adapt to their changing environments. In this program, we will understand the biology of these species, ecology of the space and weave them through poetry and prose.

## Nature Writing Workshops



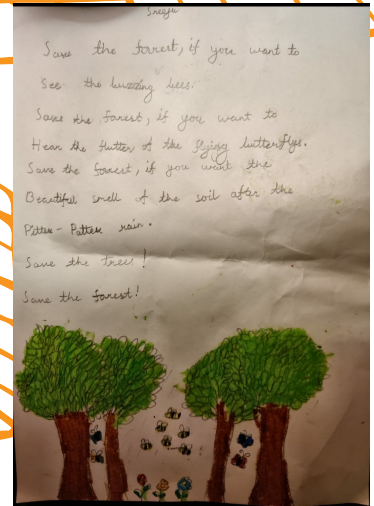
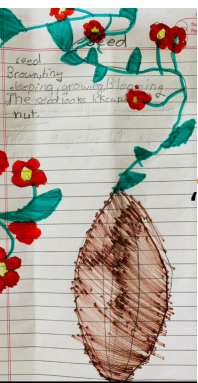
### The ears that hear their songs:

This program is inspired by 'Of Birds and Birds' songs by M Krishnan. In this program, they will explore the spirit and science of birdlife through their own poems, prose and paintings.

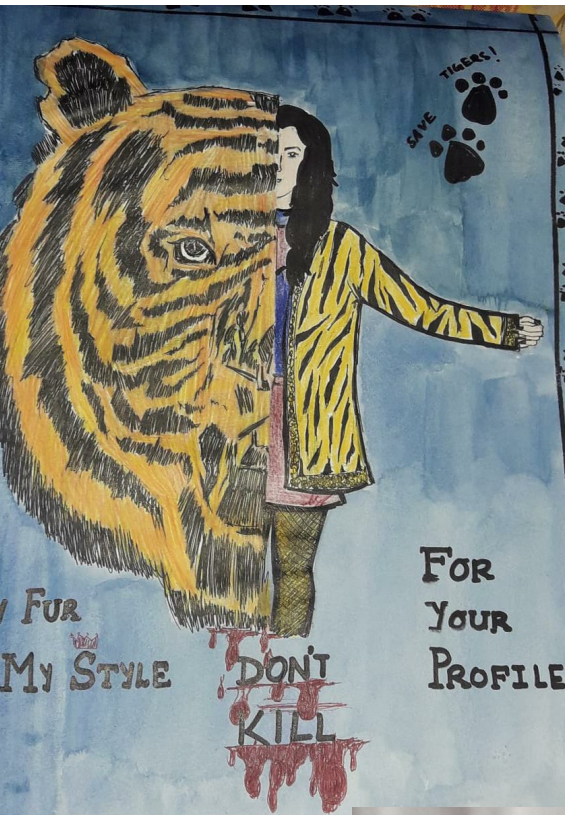


### Unless , the lorax word

"The Lorax" by Dr. Suess is environmentally relevant more than ever before. In this program, the children will understand the power of the word "UNLESS" in the context of deforestation. They will explore the science of seed to the forest through their own poems and prose



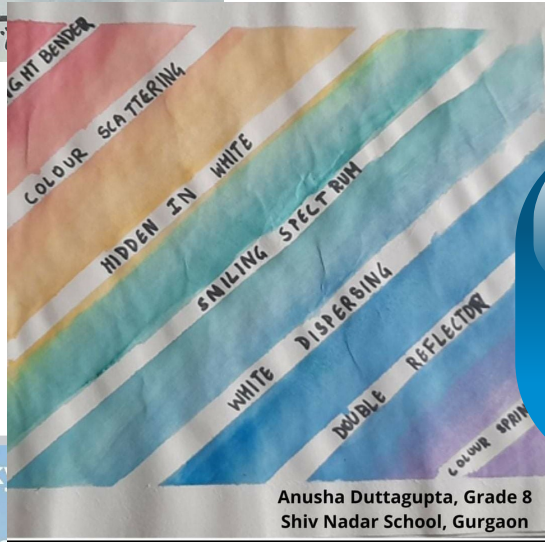
# Glimpses of Some Middle School Programs



## Be our Voice:

This program gives children a voice to express their thoughts on the species threatened by our ecological footprints. The curriculum connects disciplines like Ecology, Conservational Biology and language art and helps the children to understand the challenges better. Most importantly, it prompts them to be proactive and responsible.

## Nature Writing Workshop



Anusha Duttagupta, Grade 8  
Shiv Nadar School, Gurgaon

## The narrative of Night Sky

This program is on the less talked about light pollution and its impact on endangered species. They will explore the concepts of physics to understand the pollution we cause and express their concerns through poetry and painting.

## Why is the Sky

They have the shortest wavelength,  
Yes, you are right, the violet and the blue lights.

In a fierce fight with the air molecules,  
they scatter in the sky, like the threadless kites.

The violet waves get sucked at the entry-sphere  
Just like the dust in a vacuum-cleaned room.

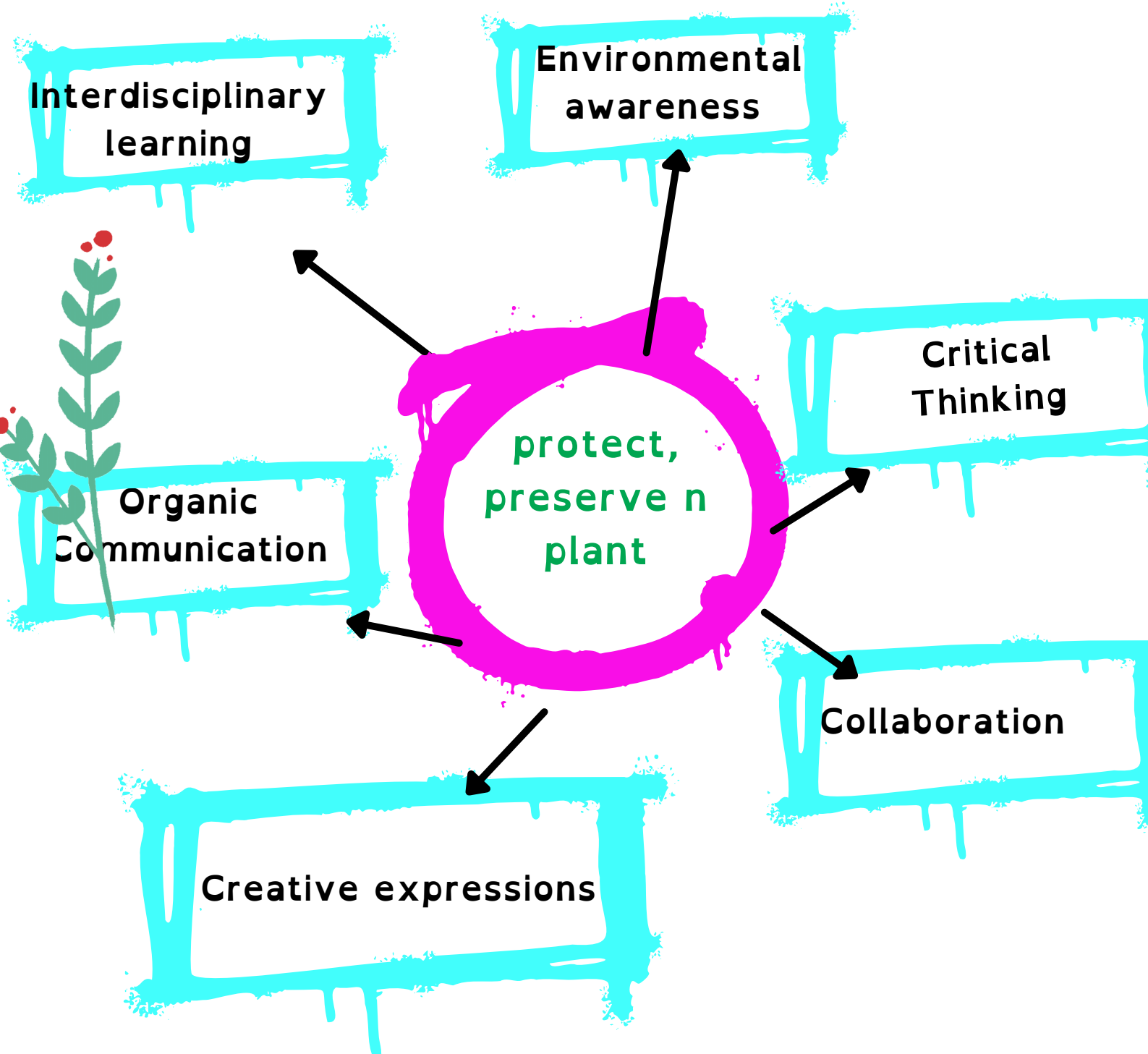
While all other photons dancing in the exosphere  
Meet their final doom.

Ishika Jain, Grade 8  
Swaminarayan Gurukul, Vapi



Yuvraj Sharma  
Grade IX,  
The Shri Ram School, Gurgaon

These programs will provide them with a workbench of **Nature** with the toolbox of **Science** and **Language art**.



**THE LIST OF PROGRAMS WHICH CAN BE PARTNERED WITH SCHOOLS**



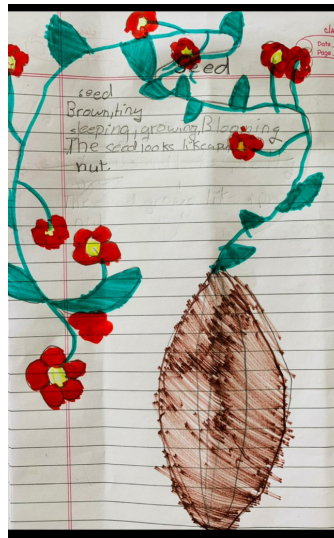
**There is a Tree; they call home  
(ELEMENTARY GROUP)**



**Jal, the source of life  
(ELEMENTARY GROUP)**



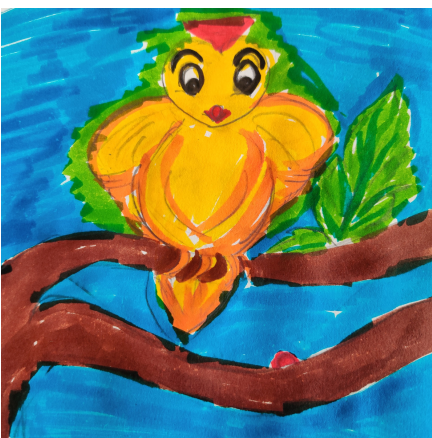
**Leave the leaves  
( ELEMENTARY GROUP)**



**Seed, the biggest hope  
(ELEMENTARY GROUP)**



**Earth is ours too!!  
(ELEMENTARY GROUP)**



**The ears that hear their song  
( ELEMENTARY GROUP)**



**Boondi, the water seed  
(Preschool)**

**THE LIST OF PROGRAMS WHICH CAN BE PARTNERED WITH SCHOOLS**



**The Narrative of the Night sky  
(on LIGHT POLLUTION: Science & Poetry)**



**Jalbhrit, the water down under  
( on reducing levels of Groundwater :Tribal literature and Science)**

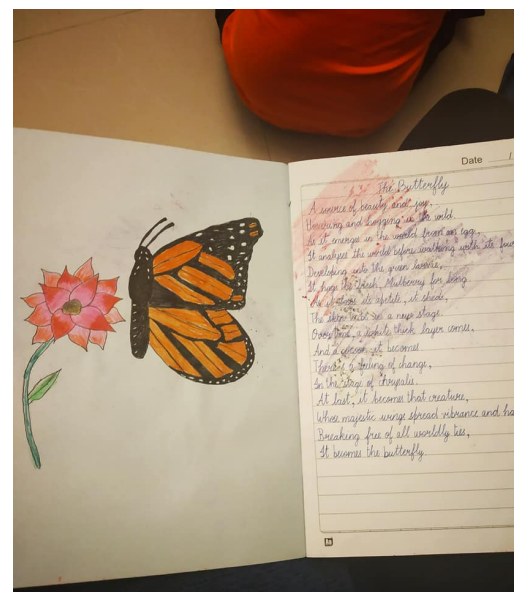


**BE our Voice  
( on ENDANGERED ANIMALS: Conservational Biology , Poetry and Pprose writing)**



Anusha Duttagupta, Grade 8  
Shiv Nadar School, Gurgaon

**Patterns of wave  
( on Science of Light waves : physics, poetry and painting)**



**Chrysalis moment on  
(process of metamorphosis:  
(Biology, Poetry & Philosophy)**

# Teachers' support program : Nature the Mentor



**TEACHING SCIENCE THROUGH ARTS: HOW TO MAKE YOUR CLASS INTERDISCIPLINARY**

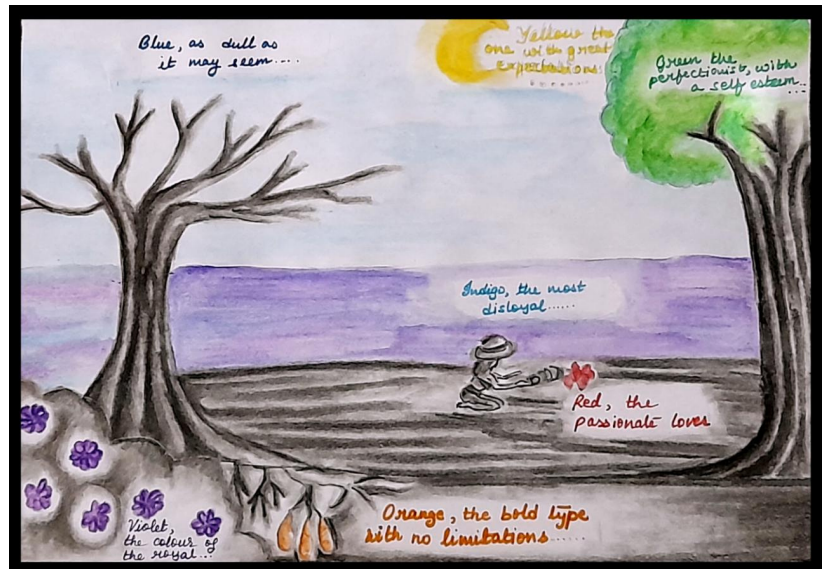
Why is it important to approach science through other disciplines?

What can you do to integrate other disciplines into your lesson plans?

How will you make your classes interactive?

Let's explore how to make our curriculum creative using poetry, painting and movement

WWW.WORDPLAY.CO.IN



Sir Ken Robinson, the visionary British educator, and author, in one of his iconic TED Talks, had once stated that an original idea often comes through the interaction of different disciplinary ways of seeing things.

In all WORDPLAY's programs nature is the integrating thread that intentionally ties together the teaching philosophy, methodologies, classroom design. We have an interdisciplinary approach to help the students understand the interconnectedness of different subject like Environmental Sciences, Social Sciences, Math, Literature and how they relate to real-world phenomena. Helping them to connect **Learning to life**.

The experience of designing and conducting these workshops has led to a structured insight into how to make the learning interdisciplinary, creative and fun.

In this teachers' support program, we share the tested structure to

- make your curriculum creative and interdisciplinary
- inculcate environmental consciousness in your daily class

(We have a separate brochure for NATURE THE MENTOR explaining the module)



Thanks, Soumi for this amazing workshop. It was a great idea to create poetry from science topics. It was informative and creative. Raghav had great fun!

Surabhi Iyer, mother of grade 4,  
Heritage School, Gurgaon

It has been a fun and intriguing experience for me. I learnt how poetry and Science have deep connections and interesting forms of poetry can be created with science topics. I shall continue to use these tips and strategies in my writing.

A Student of Grade 8  
Belmont Ridge Middle school, Leesburg, US

It needs unique skills and mindset to find "poetry in science" and "science in poetry". Soumi is one of the few such talented and creative individuals who possess that uniqueness.

The workshop she had curated and successfully conducted has all the elements to tie the knot between the two fields.

The final outcome by the kids, mentored by Soumi speaks for itself about creativity, artistry, and execution. I am sure, this workshop and her endeavour will reach the height they deserve. As for my daughter, Tanisha, whom Soumi mentored in this workshop told me that the entire experience was very enriching and exciting!

Chiranjib Sur, Father of grade 7 child  
Chryslasis High, Bangalore

This workshop has been a very interesting as well as enthralling experience for me. I have always wanted to try and make the lives of animals better. This may be a small step to achieving that, yet it was a very significant one. Science is a subject that I love and the way this workshop has combined writing techniques with scientific facts is what I really loved. Your mentoring has always helped me to grow more. Lastly I would like to thank you for giving me this opportunity. Love and regards

Ashmi Trivedi, Grade 10, DPS Pune

## Some Feedback

My son has been attending Soumi's workshop for the last four years. My child has consistently said that her workshops are fun and at the same time enriching. All her workshops make the children think and express themselves in their own quintessence voice. He is delighted to imbibe some very useful writing skills which have helped him in his expression both academically and personally.

Her last few interdisciplinary workshops are extremely unique, well researched, and helped the children connect different subjects to explore a concept. I feel it is the need of the hour. We need creative, intelligent and empathetic educators like her.

Poonam Sharma, mother of grade 9 student , The  
Shri Ram School Aravali, Gurgaon

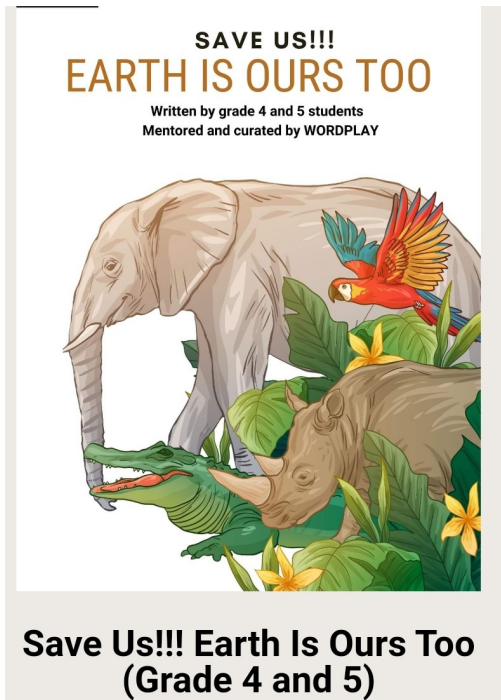
Thank you so much Soumi! It's been such a fabulous workshop and I am super impressed with the enthusiasm and energy levels of the girls ...the way they discussed with each other, brainstormed, argued and then agreed and their preparation before each class was so interesting to watch. Malvika looks forward to attending the session every day. Overall, great exposure for her and would like her to attend many more such workshops in the future! Thanks once again

Suneeta Mullik, parent of grade 8, Heritage  
Xperiential school, Gurgaon

We breathed fresh air yesterday as you demonstrated to our teachers on how to engage children deeper by weaving arts with science and maths. It was a great session. I am happy about the way the children dwelled deep into themselves and brought out their thoughts and feelings with your loving guidance. Thank you.

Sudar Kodi, Founder of Seekers Education,  
Trichy

Links to some published outcomes:



<https://www.wordplay.co.in/save-us-earth-is-ours-too-grade-4-and-5/>

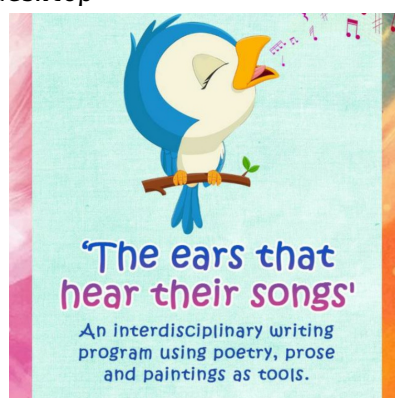
<https://www.wordplay.co.in/save-us-earth-is-ours-too-grade-2-and-3/>

**Regenesys**  
Preparing tomorrow's planet's stewards



[https://open.spotify.com/show/0l2g5Yyz1ZhUsDU7b3M2ts?go=1&sp\\_cid=e09a7db864ba877f27d7eab70c6a36c6&utm\\_source=embed\\_player\\_p&utm\\_medium=desktop](https://open.spotify.com/show/0l2g5Yyz1ZhUsDU7b3M2ts?go=1&sp_cid=e09a7db864ba877f27d7eab70c6a36c6&utm_source=embed_player_p&utm_medium=desktop)

<https://youtu.be/HyNebSapeHE>



[https://youtu.be/f87Tizz8\\_Gg](https://youtu.be/f87Tizz8_Gg)

# We are standing at the edge!

*As the world is changing so must we change the way we teach and learn!!*

*'Regenesys' draws upon inspiration from Nature as a model, mentor and muse to rethink how to best prepare our future generation for the future world. Let's co-create a regenerative learning process where every student and educator can express their unique potential to serve their community and the planet and in the process to serve themselves.*



**Soumi Duttgupta**  
Founder of ReGenesys



## Reach out to her @

- Ph: 9970167435/9810875436
- mail: [soumi@regenesys.co.in](mailto:soumi@regenesys.co.in)
- <https://www.linkedin.com/in/soumiduttgupta/>

## Digital links:

- <https://www.regenesys.co.in>
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- <https://www.linkedin.com/company/wordplay-writing/?viewAsMember=true>
- [https://www.instagram.com/soumi\\_wordplay/?hl=en](https://www.instagram.com/soumi_wordplay/?hl=en)
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