



Skills by Nature  
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## Skills by Nature

**Experiential Learning** for school children to improve cognitive abilities, nurture life competency and develop environmental affinity while reinforcing Science & Mathematics concepts. Future readiness begins here. Do-it-yourself lessons by leveraging container gardening at home as a laboratory bring the joy of little things.

### Academic Year 2025-26

*Age Group:* 12 to 18 years

*Batch Size:* 12 / 40

*Duration:* One or more Crop cycles,  
typically 8-12 weeks

*Fee:* ₹ 5,200/- per participant

*Format:* **Hybrid model of**

- **Home based DIY activities**

- **Online Learning Every day**

- **Weekly reviews at Schools**

*Mentoring & Content Support:* Virtual

*Flexi Timings:* 30 Minutes per day

*Takeaway:* **Certificate, Awards & Goodies**

*Language:* English with Limited support for हिंदी  
and ಕನ್ನಡ

#### How to Join?

Say "**Hi, Skills by Nature**" on **WhatsApp +91 9311007526** to get connected with us. We will facilitate a quick enrollment!

#### About Us:



The program brings the collective strength of skills, experience and network to deliver a unique learning experience to the youth.

Pooling the talent from Startup Ecosystem, we are a bunch of passionate professionals joined together for a purpose!

### Bring Home Nature

The initiative aims to spark the curiosity of young minds by engaging them in ongoing learning experiences centered around home gardening as a laboratory. Participants. Donning the roles of researchers, scientists, mathematicians, farmers, artists, and students, unravel the mysteries hidden within everyday phenomena. This program lays the groundwork for a lifelong journey of learning, setting the stage for professional growth in the right direction, socially responsible too.

#### Enabled by the schools, they create a vibrant platform

*Creative Experiments with Nine Varieties of Food Grains: Wheat, Rice, Pigeon Pea, Green Gram, Chickpea, Cowpea, Black Sesame, Black Gram, and Horse Gram. More plants like Malabar Spinach, Hibiscus and Lotus also bring unique propositions.*

The joy of little things while working with life companions demands at least 30 minutes everyday to indulge in various stages of a plant life-cycle during engagement spread across multiple weeks; These include Magical nature of a Humble Seed | Germination, Microgreens | Growth, Nutrition and Care | Taste, Aroma, Visuals and Other Senses | Soil Water, Energy & Environment | The ecosystem | The mysteries beyond Science | Leaves, Flowers & Pods | Shout-out Expressions

#Gig Economy #Lifelong Learning #Entrepreneurship  
shape the learning  
outcomes!

Everyday Science | Growth  
Mathematics | Measurements &  
Instruments | Ecology & its  
Elements | Competency to solve  
real-world problems are some of  
the topics we go in detail by  
breaking down the subject into  
smaller chunks. Each bite-sized  
content is delivered to the inbox of  
the participants daily.

*We have evolved into a great ecosystem to  
capture the perspectives of the stakeholders  
in the program to enrich the learning  
outcome.*

1. **Rural Buddy:** Pairing urban students with rural participants help them solve and co-create many ideas around Skills by Nature.
2. **Family Food:** Parents are largely benefited with re-introduction of many edible plants and their contribution of food as a medicine.
3. **Nature Camps:** Sneha School, Sullia, Karnataka hosts Skills by Nature participants during holidays for a week-long nature immersion workshop. It is a beautiful natural lush green habitat with all essential amenities.
4. **Campus Rewild:** It is a project based engagement with schools to mark an area and convert it into a wild nature for its magical transformation into a living laboratory.



**Nature Buddy: Collaborate and Co-create  
Green Ideas across the geography**

**Contacts:**

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## An illustration - Wonders of a 60 to 90 days crop cycle

### Grow Cowpea ಲೋಬಿಯಾ ಅಲಸಂದೆ

One of the Navdhanya, Cowpea is grown in more than 10 states of India. It has a deep spiritual, cultural and culinary connects with our society for centuries. Growing cowpea plants in your balcony or any other space around can be an all-in-one living laboratory for multi-disciplinary subjects. The lessons are;

- ★ Science: Materials, Structures, Change of Properties, Force, Gravity, Strength, Hardness, Life vs Dead
- ★ Mathematics: Measurements - Size, Volume, Shape, Color, Sensory Values, Comparisons, Sorting, Growth Parameters
- ★ Ecology: Sun, Soil, Water, Air, its qualities, impacts on life or dead materials
- ★ Life Competency: Know What You Eat, Value of Time, Nature and its Complex Life System, Sustainability, Critical Thinking, Design or Creative Inspirations

#### The benefits:

1. Shade and Cooling Effect: The dense foliage of cowpea plants can help block direct sunlight, reducing the temperature on your balcony and providing a more comfortable outdoor environment. Evapotranspiration: Plants undergo a process called transpiration, where water is absorbed by the roots and released through pores in the leaves. This process helps cool the surrounding air, similar to how sweating cools our bodies. By growing cowpea plants, you can take advantage of this natural cooling mechanism to lower the temperature on your balcony.
2. Improved Air Quality: Plants, including Cowpea, absorb carbon dioxide and release oxygen through photosynthesis. By growing cowpea plants on your balcony, you can improve the air quality in your immediate surroundings, making it feel fresher and more pleasant, especially during hot summer days.
3. Greenery and Aesthetics: Beyond the practical benefits, growing cowpea plants adds greenery and aesthetics to your balcony, creating a more inviting and relaxing outdoor space. This can enhance your overall enjoyment of your balcony during the summer months.
4. Edible Yield: Cowpea plants produce edible pods and beans, which can be harvested and consumed. Not only does this provide you with a fresh and nutritious food source, but it also adds to the functionality of your balcony garden.



Let the children take the lead and justify themselves that by growing cowpea plants in the balcony, one can create a cooler, more comfortable, and aesthetically pleasing outdoor space while also enjoying the benefits of fresh, homegrown food.

Growing Navadhanya plants at home in the containers is definitely a challenging task for the family. However, every effort in this endeavour is highly valuable and rewarding too.