



Skills by Nature

Experiential Learning for school going children to improve Cognitive Abilities, nurture Life Skills and reinforce Science & Mathematics fundamentals.

A Special Cohort

Age Group: 12 to 18 years

Batch Size: 12

Start Date: 09 April 2024

End Date: 05 June 2024

Fee: ₹ 10,400/-

Format: **Do-It-Yourself**

Mentoring & Content Support: Virtual

Flexi Timings: 60 Hours

Takeaway: **Certificate, Awards & Goodies**

Language: English with Limited support for
हिंदी, ಕನ್ನಡ, Tulu & Konkani

How to Join?

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

Contacts:

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Experiencing a Crop Cycle from a Seed to Harvest of Cowpea

The program is designed to ignite the curious mind through a continuous activity of **gardening at home**. The learner participant does a series of joyful activities, observe it like a scientist, jots down all the notes, asks the Mentor and learns by himself. The foundation to a lifelong learning journey begins at the young age to explore beyond the school curriculum.

Challenge the Mind - Simple Experiments:

- Week 1: Mysteries of a Humble Seed
- Week 2: Germination & Microgreens
- Week 3: Growth, Nutrition and Care
- Week 4: Taste, Aroma, Visuals and Other Senses
- Week 5: Soil Water, Energy & Environment
- Week 6: The Plant has its own World
- Week 7: The Magic beyond Science
- Week 8: Leaves, Flowers & Pods
- Week 9: Shout-out with Joy



The program team brings the collective skills, experience and network to deliver the unique program to the youth. Pooling the talent from Startup Ecosystem, we are a bunch of passionate professionals joined together for a purpose!

#Gig Economy #Lifelong Learning #Entrepreneurship

Note: Children below 12 years of age need support from parents or siblings at home to do the activities.

Why Cowpea / Lobia?

One of the Navdhanya, Cowpea is grown at more than 10 states of India. It has a deep spiritual, cultural and culinary connects with our society for centuries. Growing cowpea plants on your balcony or any other space around can be an effective way to beat the summer heat for several reasons:

1. **Shade and Cooling Effect:** Cowpea plants can provide shade and a cooling effect on your balcony. The dense foliage of cowpea plants can help block direct sunlight, reducing the temperature on your balcony and providing a more comfortable outdoor environment.
2. **Evapotranspiration:** Like other plants, cowpea 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.
3. **Improved Air Quality:** Plants, including cowpeas, 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.
4. **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.
5. **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 on the balcony, one can create a cooler, more comfortable, and aesthetically pleasing outdoor space while also enjoying the benefits of fresh, homegrown food.