



Skills by Nature

Experiential Learning for school going children to improve Cognitive Abilities, nurture Life Skills, develop environmental affinity while reinforcing Science & Mathematics fundamentals. Future readiness begins here.

Academic Year 2024-25

Age Group: 12 to 18 years

Batch Size: 12 / 40

Start Date: 05 June 2024 onwards

End Date: 14 Jan 2025

Fee: ₹ 10,400/- per participant

Format: **Hybrid model of**

- Home based DIY activities

- Online Learning Everyday

- 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 for a quick enrollment!

Indulging in a plant life-cycle from a Seed to Harvest of Navadhanya Food Grains

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.

The joy of little things while working with life companions demands at least 30 minutes everyday to indulge in various stages plant life-cycle during 224 days of engagement spread across 33 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

About Us:



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

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

Grow Cowpea ಲೆಬಿಯಾ ಅಲಿಸಂದೆ

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 in your balcony or any other space around can be an all-in-one laboratory for integrated subjects. The lessons are;

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

The family 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.
2. 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.
3. 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.
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 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.