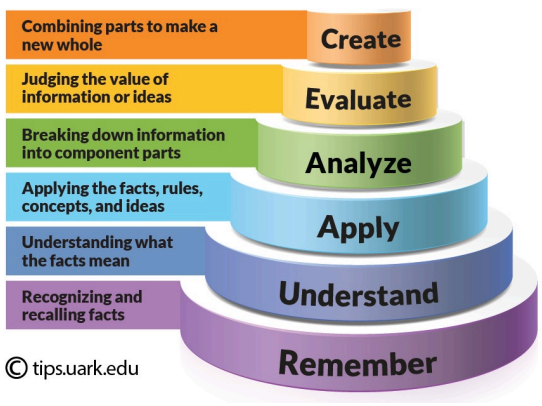
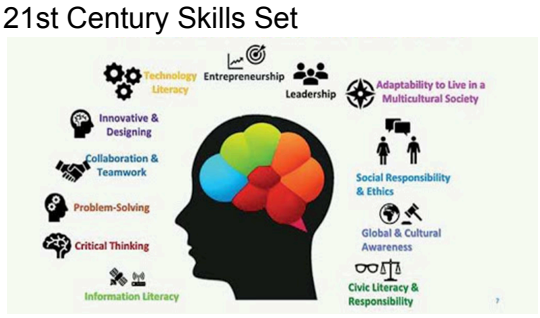
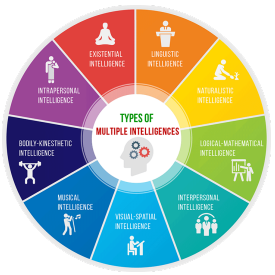
STEAM-Based Curriculum Development for Early Childhood Care and Development
International Project for Capacity Development of Early Childhood Development Teachers
The South Asian International Association for Early Childhood Care and Development (SAIA4ECCD) and
The International Association for Quality Education (IAFQE)

Day Plan for Early Childhood Care and Development - 2025

Name of School	Sparkling International School- Dharga Town
Class	Upper Kindergarten (UKG) (Age 4 to 5 Years)
Number of Students in the Class	20
Name of Teacher	Mrs. M.J.F.Shiroza
Month	January 2025
Date	22nd
Duration (Minutes)	180
Theme of the Week:	Colours
Sub Theme (Aim)	Yellow Colour
Learning Outcomes 	**Create** Create a decorative arrangement using gourd leaves and coconut leaves **Evaluate** Peel and Clean the fruits and prepare them for ripe tasting. Children evaluate which fruits are ripe enough to eat by looking at their texture, smell, and appearance. **Analyze** Observe the interaction between the sun and the sunflowers. Children will analyze how sunflowers move toward the sun, breaking down the concept of phototropism in a simple way. **Apply** Plant yellow-flowered plants and banana plants. Children apply gardening techniques, such as planting and caring for plants, learned through hands-on experience **Understand** Children understand why leaves turn yellow (aging or lack of nutrients) and learn the importance of maintaining plant health by removing them. **Remember** Children recall the names of yellow fruits and vegetables, enhancing memory and vocabulary.
Values to be inculcated	1. Teaches children to take care of tasks and responsibilities independently, fostering accountability 2. Builds an understanding of the importance of nature, encouraging care for plants and the environment 3. Encourages working together, sharing ideas, and supporting each other to achieve common goals.

21st Century Skills Set  	**Critical Thinking and Problem Solving** Peel and clean the fruits and prepare them for ripe tasting. Children learn to assess the ripeness of fruits and make decisions about which are suitable for tasting. **Creativity and Innovation** Create a decorative arrangement using gourd leaves and coconut leaves. **Collaboration and Teamwork** Plant yellow-flowered plants and banana plants. **Communication** Roleplay and naming activities with yellow vegetables and fruits, including those with face-like features. **Observation and Analytical Skills** Observe the interaction between the sun and the sunflowers. **Environmental Literacy** **A**mong the leaves in the garden, remove the yellow leaves. **Digital Literac** document or present the activities using digital tools (e.g., taking photos of the arrangement, recording roleplay, or researching sunflower **Social and Emotional Skills** Collaborate on tasks like peeling fruits and decorating with leaves. **9. Initiative and Self-Direction** Engage in planting and observing tasks independently. **1**
Specific Aspects of the National Standards	**Preparing and Tasting Fruits using Yellow Bananas and Other Fruits** ● Peel and clean the fruits and prepare them for **Ripe** tasting. ● Among the leaves in the garden, remove the yellow leaves. ● Plant yellow-flowered plant and banana plants. ● Create a decorative arrangement using gourd leaves and coconut leaves. ● Observe the interaction between the sun and the Sunflowers. ● Roleplay and naming activities with yellow vegetables and fruits, including those with face-like features.

Multiple Intelligences



Word Smart

- Naming and identifying yellow fruits and vegetables.
- Roleplay as fruit or vegetable sellers, using descriptive words.
- Creating simple rhymes or poems about the color yellow.
- Storytelling about sunflowers or banana trees.

Number/Reasoning Smart

- Sorting fruits and vegetables by size, shape, or color.
- Counting the number of yellow fruits in a basket.
- Comparing sizes of bananas or measuring plant growth.
- Creating patterns with yellow objects.

Picture Smart

- Drawing or coloring pictures of yellow flowers or fruits.
- Creating decorative arrangements with coconut and gourd leaves.
- Observing and sketching sunflowers following the sun.
- Making crafts or collages using yellow materials

Music Smart

Singing songs about the sun, sunflowers, or fruits.

- Clapping or using rhythm to represent the peeling or cutting process.

Body Smart

- Peeling and cleaning yellow fruits for tasting.
- Planting banana plants and yellow-flowered plants.
- Gardening by removing yellow leaves.

Nature Smart

- **Observing and discussing the interaction between the sun and sunflowers.**
- **Planting yellow-flowered plants and banana plants.**
- **Learning about the role of yellow leaves in the garden.**
- **Exploring how different plants grow and their importance in nature**

SDG Goals

STEAM Education	
Greening Education	
Type of Learners Body Smart (Kinesthetic) People smart (Interpersonal) Word smart (Linguistic) Logic smart (Logic) Nature smart (Environmentalist) Self Smart (Intrapersonal) Picture smart (Visual) Music smart (Auditory)	
Previous Knowledge	
Teaching/Learning Points	

Flow of Actions							
Timing	**Duration (Minutes)**	**Lesson Activity**	**Teaching Method**	**Teacher's Role (Teaching Stategies)**	**Student's Role**	**Teaching Aids/Resources**	**Assesment**
Research Project/ (Assignment)							

Note: try to at least one : Indoor Activity Outdoor activity, story, Rhyme, Hands on Activity, Discusion(Conversations)