

IDENTIFY SUBTOPICS

DAYS	Sub Topics/Themes
1	Introduction to Trees and Plants
2	Identifying Common Trees and Plants
3	Parts of a Tree/Plant
4	What Trees and Plants Need to Grow
5	Types of Plants: Trees
6	Types of Plants: Shrubs
7	Types of Plants: Creepers
8	Types of Plants: Climbers
9	Types of Plants: Herbs
10	Trees and Clean Air

LIST OF ACTIVITIES

- Story
- Rhymes
- Nature walk
- Watering plants
- Gardening
- Monkey and the tree Game (Group activity)
- Puzzles
- Circle time
- Role play
- Drama/ puppet show
- Balancing beam
- Leaf collection
- Touch and smell
- Observation
- Breathing exercise

ACTIVITES BASED ON 4 DOMAINS

Domain	Subdomain/ Specific Aspects	Activity 1	Activity 2
Cognitive Domain	Curiosity and Exploration	Plant Discovery Walk	Magnifying Glass Exploration
	Problem-Solving	Which Plant Needs More Water?	Seed Sorting Challenge
	Memory and Recall	Plant Memory Game	Name That Tree
	Reasoning	Why Do Trees Have Roots?	Match Plants to their Environment
Physical and Health Domain	Fine Motor Skills	Planting Seeds	Leaf Threading
	Gross Motor Skills	Climbing Tree Stumps	Tree Tag
	Body Awareness	Pretend to Be a Tree	Stretch Like a Leaf
	Health Awareness	Healthy Food from Plants	Plant Care Routine
Social Emotional Domain	Self-Awareness	How Do Trees Make You Feel?	My Favorite Tree
	Emotional Regulation	Calming Nature Time	Plant Meditation
	Empathy	Caring for a Classroom Plant	Saving a Drooping Plant
	Social Interaction	Group Planting	Tree Conversations
	Responsibility	Watering Rotation	Tree Guardian
Language and Early Literacy Domain	Listening	Story Time Under the Tree	Plant Sound Hunt
	Speaking	Talk About Your Plant	Plant Poetry Recitation
	Reading	Picture Books on Plants	Plant Labels
	Writing	Draw and Label a Tree	Plant Diary
	Alphabet Knowledge	Tree Letter Hunt	Alphabet Leaf Match
	Phonological Awareness	Plant Name Rhyming	Sound Scavenger Hunt

GENERAL OBJECTIVES BASED ON DOMAINS

· Cognitive Development (INTELLECTUAL)

Subdomain/Specific Aspects: Problem-Solving

Objective: Develop problem-solving skills by exploring and analyzing [theme-related challenges or scenarios].

Subdomain/Specific Aspects : Memory and Recall

Objective: Enhance memory and recall through [theme-related matching games, storytelling, or repetition exercises].

Subdomain/Specific Aspects : Critical Thinking

Objective: Foster critical thinking by comparing and contrasting different [aspects or elements] of [theme].

Subdomain/Specific Aspects : Logical Reasoning

Objective: Encourage logical reasoning through sequencing activities related to [theme] (e.g., life cycle, order of events).

Subdomain/Specific Aspects : Creativity and Innovation

Objective: Promote creativity and innovation by brainstorming new ideas related to [theme].

2. Social-Emotional Development

Subdomain/Specific Aspects : Empathy and Understanding

Objective: Foster empathy and understanding by discussing the roles and needs of [theme-related characters or elements] in nature or society.

Subdomain/Specific Aspects : Teamwork and Cooperation

Objective: Build teamwork and cooperation through group activities focused on [theme-related tasks].

Subdomain/Specific Aspects : Self-Awareness

Objective: Develop self-awareness by reflecting on personal experiences with [theme].

Subdomain/Specific Aspects : Emotional Regulation

Objective: Enhance emotional regulation by discussing feelings associated with [theme] and appropriate responses.

Subdomain/Specific Aspects : Respect for Diversity

Objective: Encourage respect for diversity by exploring how [theme-related items] vary across cultures or environments.

3. Physical and Health Development (SENSORY)

Subdomain/Specific Aspects : Fine Motor Skills

Objective: Improve fine motor skills through art and craft activities related to [theme] (e.g., cutting, gluing, molding).

Subdomain/Specific Aspects : Gross Motor Skills

Objective: Develop gross motor skills through outdoor games or physical activities inspired by [theme].

Subdomain/Specific Aspects : Health Awareness

Objective: Promote healthy habits by discussing the importance of [theme-related health topics, e.g., hygiene, nutrition].

Subdomain/Specific Aspects : Hand-Eye Coordination

Objective: Enhance hand-eye coordination with interactive, theme-based tasks (e.g., assembling, threading).

Subdomain/Specific Aspects : Physical Activity and Movement

Objective: Encourage physical activity and movement by integrating [theme] into dance, yoga, or sports activities.

4. Language Development and Early Literacy:

Subdomain/Specific Aspects : Vocabulary Development

Objective: Expand vocabulary by introducing and using new words related to [theme] in context.

Subdomain/Specific Aspects : Listening Skills

Objective: Develop listening skills through themed storytelling or interactive read-aloud sessions.

Subdomain/Specific Aspects : Expressive Language

Objective: Enhance expressive language by encouraging children to describe [theme-related items or experiences].

Subdomain/Specific Aspects : Early Writing Skills

Objective: Foster early writing skills through activities like labeling, drawing related to [theme].

Subdomain/Specific Aspects : Phonological Awareness

Objective: Promote phonological awareness by focusing on sounds and rhymes associated with [theme] in songs, poems, or chants.

TEACHING AIDS AND RESOURCE

Sl. No.	Activities	Teaching Aids/Resources
1	Story	Storybooks, picture cards, puppets
2	Rhymes	Rhyme cards, audio player
3	Nature Walk	Magnifying glasses, collection bags, plant charts
4	Watering Plants	Watering cans, potted plants, aprons/gloves
5	Gardening	Small tools, seeds/saplings, soil, pots, water cans
6	Monkey and the Tree Game	Outdoor space
7	Puzzles	Plant-themed puzzles, picture cards
8	Circle Time	Floor mat, visual aids, plant props
9	Role Play	Costumes, props, leaves/twigs
10	Drama/Puppet Show	Puppets, small stage, script
11	Balancing Beam	Wooden beam, soft mats
12	Leaf Collection	Collection bags, leaf charts, magnifying glasses
13	Touch and Smell	Various leaves/flowers, blindfolds
14	Observation	Magnifying glasses, notebooks, potted plants
15	Breathing Exercise	Quiet space, mats, visual aids

MULTIPLE INTELLIGENCE FOCUSED ON EACH ACTIVITY

Sl. No.	Activity	Intelligences Focused					
1	Story	Linguistic, Interpersonal, Visual-Spatial					
2	Rhymes	Musical, Linguistic, Interpersonal					
3	Nature Walk	Naturalistic, Bodily-Kinesthetic, Visual-Spatial					
4	Watering Plants	Naturalistic, Bodily-Kinesthetic, Intrapersonal					
5	Gardening	Naturalistic, Bodily-Kinesthetic, Interpersonal					
6	Monkey and the Ti	<div style="display: flex; justify-content: space-between;"> Number of Activities Focused Bodily-Kinesthetic, Interpersonal, Logical-Mathematical </div>					
7	Puzzles	Logical-Mathematical, Visual-Spatial					
Sub-Topic		Science (Explore & Discover)	Technology (Use Tools & Gadgets)	Engineering (Build & Create)	Arts (Draw & Imagine)	Mathematics (Count & Measure)	
Introduction to Trees and Plants	9 Role Play	Learn how plants grow from seeds and what they need to grow (sun, water, air)	Use a tablet to watch a fun video about how plants grow	Make a simple plant model with clay or craft materials	Draw a plant with roots, stem, and leaves	Kinesthetic Count how many plants you can find in the garden	
	10 Drama/Puppet Show						
Identifying Common Trees and Plants	11 Balancing Beam	Balance on a beam while naming trees and plants	Take pictures of trees and plants with a camera	Build a garden using toys or blocks	Color in pictures of different plants	Compare the sizes of different trees in pictures	
	12 Leaf Collection	Live around us					
Parts of a Tree/Plant	13 Touch and Smell	Explore what roots, stems, leaves, and flowers do for the plant	Use an app to see how plants drink water	Create a paper craft tree with leaves	Make a big poster with pictures of plants	Measure how tall your plant grows over time	
	14 Observation						
What Trees and Plants Need to Grow	15 Breathing Exercise	Learn how sunlight, water, and soil help plants grow	Use a timer app to remind you when it's time to water plants	Build a simple watering system with cups and tubes	Paint a picture of a garden with flowers and trees	Track the number of days your plant grows taller	

Subtopic	Science (Explore & Discover)	Technology (Use Tools & Gadgets)	Engineering (Build & Create)	Arts (Draw & Imagine)	Mathematics (Count & Measure)
Types of Plants: Trees	Discover how big and strong trees grow	Watch a video showing how trees grow tall	Stack blocks to make a tree tower	Draw a tree and its branches	Count the number of branches or leaves on a tree
Types of Plants: Shrubs	See how shrubs are small plants that grow near the ground	Take pictures of shrubs on a nature walk	Build a pretend garden for shrubs with toys	Make leaf rubbings from real shrub leaves	Count how many shrubs you find outside
Types of Plants: Creepers	Learn how creepers grow along the ground	Watch a video showing how creepers spread out	Create a pretend vine using string and tape	Make a collage with pictures of creepers	Measure how long the vine (or creeper) grows
Types of Plants: Climbers	Discover how climbers grow up along other things (like walls)	Use a tablet to watch climbers growing on trees	Build a climbing frame for plants using sticks or blocks	Draw climbers growing up tall walls or poles	Count how high the climbers grow on a wall
Types of Plants: Herbs	Learn that herbs are small plants that can be used in food	Use an app to learn more about common herbs	Plant some herb seeds and watch them grow	Make a pressed herb craft using leaves from the herbs	Count how many leaves the herb plants have
Trees and Clean Air	Learn how trees help us breathe by cleaning the air	Use a video to see how trees clean the air	Build a small "forest" with tree toys to show how trees help	Draw posters showing trees making the air clean	Count how many trees we need to plant to clean the air

LESSON PLAN

S.No	Topics	Activities	Multiple Intelligences Focused	SDG Covered	STEAM Education
1	Introduction to Trees and Plants	Story time: Read a picture book about trees and plants	Verbal-Linguistic,	-	Science: Understanding basic plant life
2	Identifying Common Trees and Plants	Nature Walk: Observe different trees and plants in the school garden	Visual-Spatial, Naturalistic, Bodily-Kinesthetic	-	Science: Direct observation of plant life
3	Parts of a Tree/Plant	Hands-on Activity: Create a tree collage using leaves and paper	Visual-Spatial, Bodily-Kinesthetic	-	Art: Creative tree collage construction
4	What Trees and Plants Need to Grow	Watering Activity: Water plants in the garden using small watering cans	Logical-Mathematical, Naturalistic	SDG 3: Good Health and Well-Being	Science: Understanding plant care
5	Types of Plants: Trees	Leaf Collection: Collect and compare leaves from different trees	Visual-Spatial, Naturalistic	SDG 15: Life on Land	Science: Tree identification
6	Types of Plants: Shrubs	Sensory Exploration: Touch and smell shrubs like Rose and Lavender	Bodily-Kinesthetic, Naturalistic	SDG 15: Life on Land	Science: Understanding shrubs
7	Types of Plants: Creepers	Simple Observation: Watch and describe how creepers grow on the ground	Bodily-Kinesthetic, Visual-Spatial	SDG 15: Life on Land	Science: Observing plant growth
8	Types of Plants: Climbers	Support Activity: Help set up simple sticks to support small climbers like beans	Logical-Mathematical, Naturalistic	SDG 15: Life on Land	Engineering: Building simple supports
9	Types of Plants: Herbs	Herb Sensory Activity: Smell and identify different herbs like Mint and Basil	Bodily-Kinesthetic, Naturalistic	SDG 15: Life on Land	Art: Herb rubbing and leaf printing

	10	Trees and Clean Air	Breathing Exercise: Deep breathing under a tree, talking about	Bodily-Kinesthetic, Naturalistic	SDG 13: Climate Action	Science: Understanding air quality	
Day		Topic	Activities + (Time taken)	Strategy/ Method	Teaching Aids / Resources	Values	
Day 1		Introduction to trees and plants					
		Assignment					
		Assessment (10 Minutes)					
			how trees help us breathe				

PLAN OF ACTION
(Day wise lesson plan)

SPECIFIC OBJECTIVES

Socio-Emotional Development	Health and Physical Development	Language and Early Literacy	Cognitive Development
Fostering a love for nature through stories	Physical relaxation and focus during storytime	Vocabulary building related to nature	Introducing basic concepts of trees and plants

