

**Daily Lesson Plan  
(DLP)**

<b>Topic: Introduction to Gardening tools and uses</b>		<b>Day: 1</b>
<b>Grade: 2-3</b>	<b>Lesson Name: Introduction to Gardening tools and uses</b>	<b>Time :(60 Mins.)</b>

Topic	<b>Introduction to gardening tools and uses</b>
Weekly key words	Gardening, trees, herbs, flowering plant, lilly, limestone, medical, soil, etc.
Seating plan	<input type="checkbox"/> Individual <input type="checkbox"/> Pairs <input type="checkbox"/> Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input checked="" type="checkbox"/> Writing <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Reflection <input type="checkbox"/> Illustration <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research <input type="checkbox"/> Other (Specify)

<p><b>Objectives:</b> ➤ The students will be able to:</p>	<p>➤ Learn about some gardening tools and their uses</p>
<p><b>Teaching Resources:</b></p>	<p>Multimedia/projector, laptop, YouTube, writing board, notebook,</p>

### Teaching Learning Strategies

#### Introduction: Oral Discussion:

#### Activity: 20 mins

Show some pictures to the students and encourage them to identify and name them. Listen to their answers and give feedback. 05 mins.



#### Methodology: 30 mins.

The teacher will talk about some essential gardening tools especially for kids.

#### Essential Gardening Tools For Schools

##### Trowel

One of the most crucial tools in every garden is the trowel. A trowel is a hand-held shovel used to dig small holes and pull weeds. They come in a variety of sizes, so choose one that fits comfortably in the hands of students and is not too heavy for them to use. This equipment must be durable enough to withstand digging. Most Trowels are made of steel; however, it is preferable to use a plastic trowel for young students to avoid any garden incidents.

### **Watering Can**

Keeping plants watered during the spring and summer is a necessary task that children are eager to do. They can water the plants with their watering can instead of dragging the hose across the yard and rolling it back up each time. Do not use large watering cans as they are heavy for youngsters to carry, resulting in wasted water and a disappointed child. Students may use half gallon or one-gallon plastic watering cans with removable roses.

### **Pots**

Flower pots and other similar containers are essential kids gardening tools for schools, particularly those that desire to engage students in indoor gardening activities. Plastic pots, terracotta pots, and jiffy pots are three different pots that can be used for classroom gardening activities.

### **Hand Fork**

Hand forks are divided into two categories: angled and flat. The angled version is ideal for loosening the dirt between plants in tiny flowerbeds and window boxes. This can be used for sowing seeds, planting seedlings, and pulling out smaller annual weeds that grow between established plants much more straightforwardly. Flat Fork is applicable in situations where students have lessened the ground. It is the best tool for lifting bigger weeds with their roots.

### **Wheelbarrow**

A wheelbarrow is one of the fascinating kids' gardening tools for moving tools, compost, and plants throughout the yard. Wheelbarrows come in a variety of sizes. Make sure it is the right size for the students and do not overload it. They can be heavy, so teachers' supervision is required.

### **Gardening Glove**

Students usually get muddy and messy in the garden. It is crucial that students wear well-fitting gloves so that they do not hurt themselves while picking up sharp objects. By wearing gloves, thorns, wood splinters, and stinging nettles can all be avoided. It also keeps students' hands clean when working in the garden.

**Purchasing suitable gloves for children is the best approach to prevent harm and risk.** Besides schools, It is also a good idea to have gardening gloves at home specially for gardening with toddlers. **Some gloves are too big, causing them to slip and slide, while others are too small, causing blisters. It is preferable to get a variety of sizes for students of various ages. It is also a good idea to buy thicker gloves to protect kids' hands from thorns.**

### **Seedling And Microgreen Tray**

Two of the most remarkable gardening activities in schools are transplanting plants and growing microgreens with kids. Seedling trays (also known as microgreen trays) are required for these activities. Seedling trays are the last item on the list of essential gardening tools for schools. They have cells (holes) all over their body and are composed of foldable plastic material.

To use them, first, students should Fill the cells with planting medium, such as child-friendly soil. Then, specific quantity of seeds may be sown in each cell, depending on the type of activity. As the seeds germinate, the trays should be watered regularly. Plant seedlings can be safely kept in these trays for 3-4 weeks in semi-shade until they are ready to be transplanted on the field or in larger containers. However, the

situation is different for growing microgreens. Micro plants are ready to harvest one or two weeks after germination and do not require transplanting.

**Wrap up (5mins.):** Wind up the lesson by asking the students randomly to assess their understanding of the topic.

**Individual Work:**

**Ask each student randomly to share their understanding of the first and last frost dates of the growing zone. Is it helpful for gardening in their own growing zone?**

**Home Assessment:**

Write down 10 different average frost dates in major cities in their notebooks or journals.

**Worksheet (Day1)**

**Lesson Evaluation:**

- Teacher was able to accomplish all aspects of the lesson well
- Teacher was not able to ..... do warm up activity ,
- develop lesson plan well ,
- do the learning activity ,
- do wrap up ,
- accomplish lesson objective ,
- manage time well ,
- manage class well

Worksheet Day

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Topic: Gardening

Subject: Science

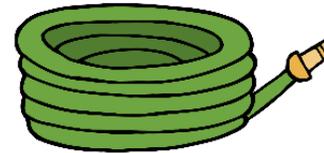
Gardening Tracing Page



gloves



boots



hose



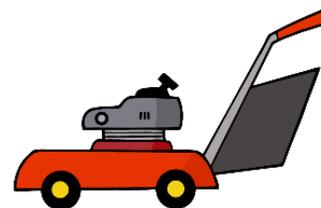
wheelbarrow



watering can



seeds



lawn mower