

Daily Lesson Plan (DLP)

Topic: Research your growing zone		Day: 2
Grade: 4-5	Lesson Name: Research your growing zone	Time :(60 Mins.)

Topic	What gardening tools will you need?		
Weekly key words	equipments, easier, protected, hose, gardening gloves, sharp, serrated, etc.		
Seating plan	<input type="checkbox"/> Individual	<input type="checkbox"/> Pairs	Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input type="checkbox"/> Reflection <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Writing <input type="checkbox"/> Illustration	<input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research

Objectives: ➤ The students will be able to:	➤ Learn about gardening tools and equipment ➤ Learn how these tools and equipment are helpful in gardening ➤ How to
Teaching Resources:	Multimedia/projector, laptop, YouTube, writing board, notebook, piece of paper, pen/pencil
Teaching Learning Strategies	
<p>Introduction: 5mins Ask the students to think of any two tools of their choice and share their uses. Make all the students participate in the oral classroom activity. Take their responses and give feedback.</p> <p>Methodology: 10 mins. The teacher will discuss some more gardening tools and their importance in gardening.</p> <p>Open the following link to show the video to the students, using a projector, multimedia, or a laptop. https://youtu.be/ENom7ZlviS0</p> <p>Group Work: Make each group of 4 students and encourage them to discuss the content shown in the video. (25 mins.) Discuss there are many tools for gardening available in the market but all of them are not useful. However, there are some tools whose importance cannot be denied and could be considered a blessing for gardeners. The teacher will discuss some gardening tools along with their use.</p> <p>1. Garden Fork: Garden tool is another for digging in the garden. It looks like pitch and is useful for turning over soil and compost, digging out root crops, and dividing perennials. It has long metaled tines which allow the gardener to easily penetrate the soil and avoid smaller rocks that would get in the way of a shovel.</p> <p>2. Garden Hoe: Garden Hoe is used to remove shallow-rooted weeds effortlessly. It is also used to create furrows for planting seeds and to break up clumps of soil. Hoe hands come in different sizes and shapes. Make sure that the metal head is securely attached to the handle. A smooth wooden handle helps resist splintering.</p> <p>3. Leaf Rakes: Leaf rakes are purpose-built tools. It is lightweight and used for raking leaves and lawn clipping and for spreading mulch. Metaled rakes are long-lasting as compared to plastic or wooden rakes. It is advised to buy a rake that is securely attached to the handle and none of the parts wiggle.</p>	

4. Garden Rake:

A garden rake also called a ground rake has metal tines and is used for smoothing out the compost or for raking the soil level to create a beautifully crumbly seedbed.

5. Gardening Gloves:

Gardening gloves are very essential and help to prevent blisters and cuts. Gloves will keep gardeners' hands clean and safe. Younger gardeners should choose waterproof gloves along the palm and fingers. You can also choose longer gloves if you want more protection.

6. Garden Scissors:

Garden scissors also called trimming scissors have very thin, super-sharp blades. These blades are used for removing dead flowers, snipping herbs, and flower stems, and pruning delicate plants. These scissors are not meant to replace a hand pruner, but to complement it. You better go for ergonomically designed handles.

7. Gardening Knife:

A hori-hori gardening knife is a fairly recent addition to Western gardens. Commonly used in Asia, hori-hori knives (hori meaning 'to dig' in Japanese) are a mix between a knife and a trowel. This quality makes it a great choice for digging small planting holes, harvesting and cutting down weeds. There are certain types of gardening knives that feature a serrated edge to make cutting easier, while others feature a ruler printed onto the blade, which helps when measuring plant depth.

The teacher can share the picture of each garden tool discussed in the classroom for better understanding.

8. Garden Hose:

A garden hose helps to carry water over long distances. You can even attach two or more together to reach farther into the gardening area. A good quality garden hose should be a rubber hose and nickel-plated, heavy-duty brass couplings at both ends of the hose. Arable nozzles or sprayer heads adjust to deliver everything from a gentle sprinkle to a hard stream. Brass and metal parts and fittings are more durable than plastic.

9. Soaker Hose:

A soaker hose is the ideal type of garden hose which are low-pressure hoses that can deliver droplets of water to your garden beds. They are meant to be laid out in the ground around crops. When the water is turned on, they leak water slowly, steadily, and consistently through their permeable material and water the garden. This is important for both healthier crops and drastically reducing water waste.

There are some other types of equipment that are very essential for gardening such as watering wands, padded kneelers, soil monitors, and telescope pruners. These are useful for gardener and make the activity of gardening healthy, fun and protected and protected.

Activity: (15 mins.) (Group Work)

Make groups of 3-4 students.

Ask them to solve the word puzzle within given time in groups.

The group that solves the puzzle first, will be rewarded with a small prize and will be appreciated.

Discuss each word in the classroom



Wrap up (5mins.): Wind up the lesson by asking groups randomly to share their findings.

Home Assessment:

The students will revise the topic as homework.

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 Day2

Name: _____

Class: _____

Topic: Gardening

Subject: Science

Word Search Puzzle Garden

