

Daily Lesson Plan (DLP)

Topic: Tools and Equipment Required		Day: 2
Grade: 4-5	Lesson Name: Tools and Equipment Required	Time :(60 Mins.)

Topic	How is each tool used?		
Weekly key words	Tools, essential, sharp, pointed, wheelbarrow, shovels, hand fork, maintenance, 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 what tools can be used for gardening ➤ Learn what types of tools can be used for gardening ➤ How these tools can be cared for and their daily maintenance
Teaching Resources:	writing board, notebook, piece of paper, pen/pencil
Teaching Learning Strategies	
<p>Introduction: 10mins. Activate students' prior knowledge about the garden tools and their uses.</p> <p>Methodology: 40 mins.</p> <p>Garden Hose with Adjustable Nozzle Water is the foundation of your garden's life and it's important that your garden hose can reach and spray every area. There are three basic hose diameters: ½-inch (avg 9 gal per minute), 5/8-inch (avg 15 gal per minute), and ¾-inch (up to 25 gal per minute). An adjustable nozzle puts you in control of the water pressure and spray radius.</p> <p>Estimate the amount of length you will need with your hose before buying one. Hose length will affect water pressure - the longer the hose, the lower the resulting pressure. Vinyl hoses are lighter weight and less expensive, but kink easier and don't last as long as rubber construction. Store hoses coiled up and out of direct sunlight. Storing with kinks in them can result in weak spots.</p> <p>Schmidt also recommends the Tuff-Guard Hose and Bon Aire Ultimate Hose Nozzle. The Tuff-Guard hose is flexible, strong, and resists kinking. She suggests that it be stored on a hose hanger or manual hose reel. The Bon Aire Ultimate Hose Nozzle is light weight and has a shut-off at either end of the spray range. The fire-hose-style nozzle goes from a light flow to a drenching shower, and can be used for cleaning concrete when adjusted to a nearly solid stream</p> <p>Watering Wand Give your plants a gentle rain shower with a water-breaking wand. The extended reach is also helpful to get to out-of-the-way containers, hanging plants, or the back edges of borders. Watering wands come in a variety of lengths, from 10 to 48 inches.</p> <p>Choose an appropriate length for your needs - longer for high hanging baskets, shorter for tighter spaces. Built-in shut off valves in the handle conserve water and allow you to adjust the flow.</p> <p>Kitchen gardener and cookbook author Jeanne Kelley recommends the Damm One-Touch Rain Wand. The angled arm allows you to reach under foliage of delicate plants and also reach into hanging baskets. The valve slides easily with just the thumb.</p> <p>Watering Can There are 2 basic types of watering cans, plastic or metal. There are hundreds of styles, colors, sizes and nozzle options.</p> <p>Plastic cans can be lighter than metal, but won't last as long. Metal cans should be galvanized to resist rusting.</p>	

Consider the size of the can relative to your strength, a gallon of water weighs just over 8 pounds.

The handle position should allow you to carry a full can and also tip it to pour easily.

Two-handled designs allow for better stability for children or elderly gardeners.

You may need two: a larger one with a sprinkler head for outdoors, and a smaller, long-necked version for houseplants.

For outdoor use, our editors recommend the Bloem Deluxe Watering Can with a dual-handle design and removable sprinkle nozzle.

It's BPA free and has a 2.5-gallon capacity.

Wheelbarrow

If your backyard has extra soil to be moved around, compost or mulch that needs to be added to garden beds, or any other heavy lifting and moving project, a wheelbarrow can help you haul hundreds of pounds!

Traditional dual-handle, single wheel styles can be harder to balance heavy or unevenly distributed loads.

Single-handle two-wheel models are easier to balance, better for those with limited strength or when pulling over uneven terrain.

Single-handled wheelbarrows can be pushed or pulled with one hand.

Store it clean and dry to prevent rust.

Keep the wheels inflated properly for easier wheeling.

Our editors recommend the Marathon Dual-Wheel Yard Rover. At just 29 pounds overall, it weighs 25% less than a traditional wheelbarrow, and the single handle makes it easy to push, pull and dump

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

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 Day

Name: _____

Class: _____

Topic: Gardening

Subject: Science

