

Daily Lesson Plan (DLP)

Topic. Sketch your space.		Day :1
Grade: 4-5	Lesson Name: Sketch your space.	Time :(60 Mins.)

Topic	Where will the beds be placed?		
Weekly key words	Natural, durable, sustainable, affordable, humidity, temperature, 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 the best material to build raised beds in the garden area.
Teaching Resources:	Multimedia/projector, laptop, YouTube, writing board, notebook, piece of paper, pen/pencil, plants, worksheet, samples of soil
Teaching Learning Strategies	
<p>Introduction: 5 mins. Start the lesson by asking the students to share their views on the topic. Listen to their responses and give feedback.</p> <p>Methodology: (20 mins.) The teacher will discuss the best Materials to Use for Building Your Raised Bed that are natural, beautiful, durable, sustainable, and also affordable.</p> <p>NATURAL You should select materials that are as close to those that occur in nature as possible: untreated wood, food-safe steel, stone, brick, or concrete. Cloth beds are also becoming popular. Make sure you're using wool or other natural fibers. Avoid any chemicals used to treat your material that could then leach into your soil (and therefore into the food you're going to eat).</p>	

BEAUTIFUL

Your kitchen garden should tie into the rest of your home and your landscape. It should be an inviting space where you're happy to entertain friends.

DURABLE

You're going to be putting a lot of time and money into this kitchen garden, so you definitely want to choose materials that will last as long as possible in your space, given your temperature ranges, humidity, and water intake that your bed will experience.

SUSTAINABLE

Do a little research to find out how your materials got to the lumber store or how the steel was created or where the stone was quarried. We prioritize materials that are locally produced when possible and companies that promise to renew their resources. If they're cutting down cedar trees, then they should be replanting cedar trees at the same time.

AFFORDABILITY

You don't want to break the bank here. As you look through the different materials available to you, you'll have to determine which one best fits your budget.

What to grow in the raised beds:

What you grow is only limited by the depth of your soil—which is the depth of your raised bed plus the depth of the soil you dug and loosened below ground.

What grows well in 6" soil depth:

Lettuce, salad greens, spinach, onions, leeks, radishes, strawberries, basil, chives, cilantro, dill, mint, oregano, parsley, thyme, marigolds, and other annual flowers

What grows well in 12" soil depth:

Beans, beets, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, collards, cucumbers, garlic, kale, summer squash, Swiss chard, turnips, lavender, rosemary, sage, borage, calendula, cosmos, lantana, nasturtiums, snapdragons, sweet alyssum (plus everything in the 6" list)

Activity: (30 mins.) (Group Work)

Make groups of 4-5 students each. Assign them the raised beds (school garden yard).

The soil should be 6 inches deep and grow some vegetables in those beds. Such as spinach, onions, cucumber, garlic, etc.

Observe the growing process of each and note them down in journals. Take help from an adult or parent.

Note: It is at the discretion of the teacher to choose vegetables for raised beds according to the climate conditions.

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

Home Assessment:

The students will do the worksheet as homework.

Worksheet

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: Sketch the Place

Subject: Science

➤ **How can you make your garden look beautiful and aesthetic? Share your own ideas.**
