

Daily Lesson Plan (DLP)

Topic: Compost World		Day :1
Grade: Pre-school kindergarten grade 1	Lesson Name: Compost World	Time :(60 Mins.)

Topic	Compost World
Weekly key words	Grass, Fence, Trees, Flowers, Pond, Path, Bench, Shed, Tools, Swing
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>Objectives:</p> <p>➤ The students will be able to:</p>	<p>➤ Learn what is gardening and what its characteristics are.</p> <p>➤ How to do Gardening</p> <p>➤ How to recognize plants.</p> <p>➤ How to recognize Gardening Tools</p>
<p>Teaching Resources:</p>	<p>Multimedia/projector, laptop, YouTube, writing board, notebook,</p>
<p style="text-align: center;">Teaching Learning Strategies</p>	
<p>Introduction: Oral Discussion: Take students' prior knowledge about the topic "gardening" and encourage them to share their views about it. Listen to their responses and give feedback. 05 mins.</p> <p>Methodology: Show the following link to the students using multimedia or a laptop. https://youtu.be/dRXNo7leky8</p> <p>Group Work: Make each group of 4 students and encourage them to discuss the content shown in the video. (10 mins.) After 10 minutes of group discussion, the teacher will ask questions related to the video just shown in the classroom. (10 mins.)</p> <p>The teacher will write down the definition of compost on the writing board and make sure the students read and understand it clearly. Discuss the purpose, characteristics, Of composition. (10 mins.)</p>	

Activity: (10 mins.) (Peer Work)

Compost activity



- Materials
- 6 sealable plastic bags (sandwich size)
- 6 plastic straws
- Masking tape and pen for labeling
- Digital instant-read thermometer
- Tape
- Scissors
- Lettuce
- Newspaper
- Kitchen scale
- Water
- Measuring spoons

Procedure

- First, set up your bags. These bags are your compost cookers. Using a pen and masking tape, label each bag with a number from one to six.
- It's easier for materials to compost when they're smaller, so get chopping. Tear the lettuce into small pieces no more than an inch wide. This is your green material. Use the scissors to chop up the newspaper into pieces that are roughly the same size as the lettuce. This is your brown material.
- Get a large straw and slip it around the base of the digital thermometer. Make sure that it fits.
- Now it's time to create your compost mixtures. Using a kitchen scale, weigh the following amounts for the different bags:
- Bag 1: 0 oz newspaper, 0 oz lettuce. This is your control bag.
- Bag 2: 8 oz newspaper
- Bag 3: 8 oz lettuce
- Bag 4: 2 oz newspaper, 6 oz lettuce
- Bag 5: 4 oz lettuce, 4 oz newspaper
- Bag 6: 6 oz newspaper, 2 oz lettuce
- Compost Setup
- Now, place the materials into the bags. In each bag, place a tablespoon of water. Then slide a straw into the middle of the bag before you close it up. Seal the bag around the straw, and close it up with tape so it doesn't open. Place all of the bags in a well-ventilated area that does not get direct sunlight.
- Create your hypothesis, your best guess about what's going to happen. Which bag will start to compost first?
- Over the next few days, measure the temperature inside each bag. Slide the thermometer into the straw to do the test. Don't open the bag, since it's likely getting goopy and moldy in there!
- Put the temperatures into a chart.
- Do the temperatures in the bags change? Are the temperatures in bag 1 the same as those in the other bags, or are they all different? Why?

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

Individual Work:

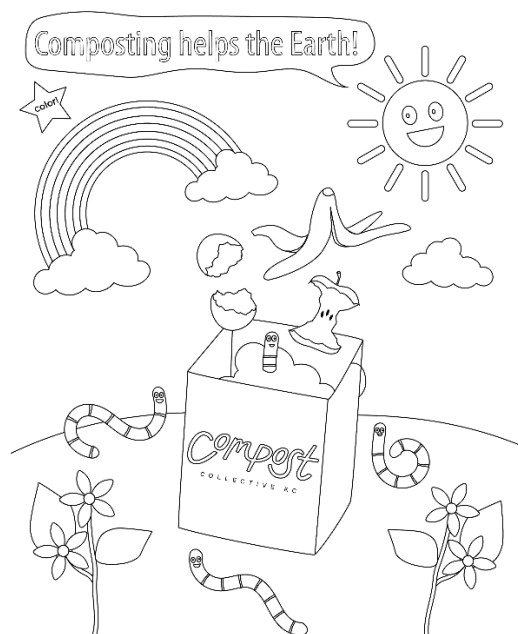
Ask each student randomly to share if anyone ever teased him/her by calling different names. If yes, how he/she felt?

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 2



Composting

Some things will rot down to make food for plants called compost. Plants, egg shells, fruit and vegetable peel can all make compost. Some people have a compost heap in their garden. If you have a brown bin at home, you can put garden waste like weeds, dead flowers and grass cuttings in it. They are all taken away to be composted in giant compost heaps.



What three things should not be in the compost heap?

1. _____

2. _____

3. _____

What should you do with these things?

Name three things that are good for making compost.

1. _____

2. _____

3. _____

ASSESSMENT

Name: _____

Sort it **OUT!**

Directions: Cut and paste the pictures.

Recycle



Compost














COMPOST

DOs and DON'Ts of Compost

What goes in your compost bin? Cut and paste the materials on page 2, and put them in the appropriate spots on this chart! Can you think of any more materials to add to the chart?

<i>DO put in your compost</i>	<i>DON'T put in your compost</i>