

Create a Compost Stew recipe

Subject(s): Healthy Living, Science

Year(s): 5–6

Learning intention(s)

Students will demonstrate an understanding of what elements constitute compost. They will create a recipe for compost using letters from their name as the starting letters for ingredients.

Mapping to curriculum

FALD

- Physical Development, Health and Wellbeing
- Living and Learning Together

Strands

- Personal and Community Health
- Living Things and Environment

Strand Outcome

- Identify, describe, and discuss risks and hazards in their environment and develop knowledge and skills to minimise risks and promote health and safety
- Recognize and investigate the characteristics and functions of organisms in relation to their diversity and appreciate the fragility of the ecosystem and the need to conserve it.

Learning outcome(s)

Healthy Living

- 5.4.4.2 Engage, organise and justify classroom/school activities that emphasise conservation and recycling.
- 6.4.4.2 Engage in activities that promote conservation and recycling.

Subject

- 5.4.2.1 Investigate the composition of local soils from different sites and gather information about the steps people need to take to stop degradation of the environment.
- 6.1.2.2 Investigate and discuss the impact human activities have on the environment.

Lesson Instructions

Adapted from the book '*Compost Stew: An A to Z Recipe for the Earth*' by Mary McKenna Siddals

The book provides a playful and rhyming A to Z guide on how to create a compost pile, turning everyday household waste into nutrient-rich soil. It emphasizes the importance of recycling organic waste, promoting environmental awareness and sustainable practices in a fun and accessible way for kids.

Materials required

- 'Student Worksheet' – 1 per student (Alternatively, students can use their exercise books to write in)
- 'Data projector and computer' (optional) – to show the PowerPoint slides
- 'Printed Slide Sheets' – 1 copy of each slide for the teacher

Key Vocabulary

Compost: Rotting or decayed material that is used to add nutrients to the soil to make it healthy.

Ingredients: The different foods that are combined to make a particular dish.

Moist: Soil that is partly wet and not too hard or dry.

Stew: A dish that combines different types of meat or vegetables cooked together.

Activity 1: Description

1. **Introduce** the lesson to the students.
 - The teacher introduces students to the lesson by posing the question: 'What do you think this lesson is going to be about?'
 - Explain what students will be doing during the lesson (spell out the learning intentions)
 - Explain the new vocabulary and ask students to provide further explanations from their own experiences.
 - Show the PowerPoint slides to the students (take the time needed to explain the information provided on each slide).
 - If there is no video available, the teacher prints the slides and use these one at a time to facilitate a class discussion.

Activity 2: Description

2. **Identify** suitable materials for composting.
 - Ask the students to discuss some interesting facts that they have learned from the video or the class discussion.
 - Show Slide 5 and explain the diagram (as shown on the Student Worksheet) to the students.
 - Point out the difference between green (moist) and brown(dry) materials.
 - Ask students to identify which of the materials they have access to on a daily basis.
 - Show Slide 6 to the students. Pose the question 'if you were to make compost stew what ingredients would you put in the stew?'
 - Show Slide 7 and lead a discussion about how the actions shown could relate to them making a compost stew.
 - Ask questions such as – how would you moisten the stew, how would they turn the stew and what would they cover the stew with.
 - Ask the students to predict how long it would take for the compost to turn into soil.
 - Slide 8 – explain that these images are similar to what was shown on the video. Encourage students to think about trying this experiment at home or at school.
 - Slide 9– explain the example provided for the name ALISON. This is a model for students to use for their own work.
 - Slide 10 – explain the worksheet to students. Inform them that they will place the letters of their name on the lines on the left side and write ingredients for their compost stew using those letters as the beginning letters of their ingredients.

Task(s)

Year 5-6 tasks

Year 5 task

1. Use the student worksheet provided to write ingredients for their compost stew. They must use those letters as the beginning letters of their ingredients to include in the compost stew.
 - Display the completed worksheets on the classroom wall for others to see.
 - Walk around the classroom and take note of the different ingredients that have been identified as suitable for a compost stew.

- In your exercise books, write a list of 10 ingredients that you would use for a compost stew at home or at school.

Year 6 task

1. Use the student worksheet provided to write ingredients for their compost stew. They must use those letters as the beginning letters of their ingredients to include in the compost stew.

- Display the completed worksheets on the classroom wall for other students to see.
- Walk around the classroom and take note of the different ingredients that have been identified as suitable for a compost stew.
- In your exercise books, write a list of 10 ingredients that you would use for a compost stew at home or at school.
- Set up a class compost container or bucket to aid in disposal of their daily organic waste.
- The teacher sets up a daily roster of students to empty the class compost container in the school compost heap or school garden.

Teacher Supporting Resource:

Compost Stew - Link to powerpoint: [Compost Stew Story.pptx](#)

<https://unimelbcloud.sharepoint.com/:p:/t/Schoolgardenteachingactivity/EZ5JHul5ZM5MplFVKM6bUJIBM635n4x1bVGstcBbvO8xmQ?e=Vetgju>

If you have access to a computer and data projector, you can show the slides using this link.

If there is no data projector, you can print the slides, by clicking on 'Print to PDF' tab and using the sheets to facilitate a class lesson.

Student Handout – My Compost Stew.



