

Classroom activities

Stage three / Lesson three



Learning Outcomes

A student:

- **ST3-2VA** Demonstrates a willingness to engage responsibly with local, national and global issues relevant to their lives, and to shaping sustainable futures.
- **ST3-5WT** Plans and implements a design process, selecting a range of tools, equipment, materials and techniques to produce solutions that address the design criteria and identified constraints.
- **Sustainability OI.9** Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments.



Cross Curriculum Links

A student:

- **EN3-1A** Communicates effectively for a variety of audiences and purposes using increasingly challenging topics, ideas, issues and language forms and features.
- **PSS3.5** Suggests, considers and selects appropriate alternatives when resolving problems.



Preparation/Resources

- Costa's Guide to Household Composting video: www.youtube.com/watch?v=HngvowScx6g

Duration | 2 x 60 minutes

This can be undertaken over multiple days. Some work may need to be done outside school hours if the composting plan is not for school.

Sustainability

Students will learn about reducing food waste.

Introduction

- Explain this activity is about BE GREEN. Refer to the explanation on page 10.

Activity

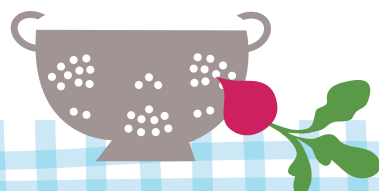
1. Watch the video clip. Ask the students to take notes on the following
 - Why composting is green
 - Methods of composting (traditional compost, worm farms, Bokashi buckets)
 - What goes into compost
2. Class recall of the ideas they heard. Focus discussions on the above points.
3. In pairs, students develop a composting plan for home, school, a relative or friend. Students will need to undertake further research to complete their plan. The plan should address the following:
 - Type of composting most suitable and why
 - Space available and dimensions
 - Amount of waste to be composted
 - How the compost will be maintained
 - Plans for collecting food scraps
 - Rosters for caring for compost



Conclusion

Students present composting plan to the rest of the class. Students present composting plan to relevant person or group (school committee/family/relative/friend).

Continued >



Classroom activities

Stage three / Lesson three continued



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Assessment

- For:** Class discussion after video viewing. Second viewing (guided) may be required.
- Of:** Participation in discussion and in group work. Individual and paired composting plans.

Differentiation

- Extend:** Students may create alternative plans for home or school, incorporating other types of waste.
- Simplify:** Group students in mixed ability groups in order to develop leadership skills while supporting those with learning needs, or students complete Stage 2 lesson.

School/Home Link

Students take composting proposal home. Explore if families can GO GREEN.

