

Crazy Compost Workshop (Key Stage 1)

Somerset Waste Action Programme

<p><u>Please Note:</u> <i>The activities included in a Crazy Compost workshop may vary depending on your School's specific circumstances and the Waste Action Officer attending.</i> <i>We will discuss your needs and options with you when you make your booking.</i></p>	
<p>Duration: 1 Hour</p>	
<p>National Curriculum Links: Science – Sc2 Life processes and living things Geography- Knowledge and understanding of environmental change and sustainable development 5a+b English- En1 Speaking and Listening Citizenship: Preparing to play an active role as citizens 2 g</p>	
<p>Links to DCSF/ QCA Schemes of work: Science: 1B Growing Plants, 2B plants and animals in the local environment Geography: Unit 8 Improving the environment Literacy Strands: Speaking, Listening and Responding</p>	
<p>Objectives for the workshop:</p> <ul style="list-style-type: none"> • To understand what happens to things that we throw away. • To understand why we need to recycle our waste. • To understand and identify what compost is. • To identify types of organic waste and understand how they can be made into compost. • To identify what we use compost for. • To use compost to plant seeds as part of a craft activity. • To identify what plants need to grow and understand how we can help them grow well. 	
<p>Common Difficulties, errors and misconceptions:</p> <ul style="list-style-type: none"> • That all refuse gets recycled. • Confusion about what can and can't be composted and reasons for this. • That compost is smelly and yucky. 	
<p>Assessment Criteria: What have we learnt today? What is nature's way of recycling? What types of rubbish can we use to make compost?</p>	
<p>Vocabulary: Reduce, re-use, recycle, landfill, compost, compost bin, organic waste, rot, mould, bacteria, mini-beasts.</p>	
<p>Resources to be provided by the school: Dependant on activity: colouring pens/pencils, sellotape, yoghurt pots, scissors, table coverings/newspaper, small watering can(s).</p>	<p>Resources to be brought in by SWAP: Dependant on activity – Power-point presentation or flashcards, cut-away compost bin, compost, seeds, smiley face pictures, virtual compost bin game, smelly pots.</p>
<p><u>Strategies:</u> Introduction:</p> <ul style="list-style-type: none"> • Briefly discuss what currently happens to most of our waste and what alternative options there are (Reduce, Reuse, Recycle) • Introduce Compost- what it is and what it is used for. • Use cut-away compost bin or power-point slides to discuss the types of rubbish that can be put in a compost bin. Introduce the term 'organic waste'. Think about what properties the rubbish needs to have to be composted e.g. it must be able to rot, it 	

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must come from a plant.

- Discuss what would happen if we put lots of cooked food, meat, fish and cheese in our compost bins- what can we do with these things instead?

Development:

Virtual Compost bin Game

Each child is given a picture card with a different piece of rubbish on it. They must decide if this rubbish can or cannot be made into compost and stick it in the appropriate section of the 'virtual compost bin' ('Yes', 'No' or 'Maybe'). As a class we discuss their choices and correct any in the wrong place, giving reasons for this to build their understanding.

Grass Heads

Children use some ready-made compost to grow seeds. They re-use an old yogurt pot brought from home, decorate with a face, fill it with compost add grass seeds. We then think about what else the seeds will need to grow and how they will care for their grass head at home or school.

Smelly Pots

A fun way to reinforce what children have learnt from the virtual compost bin game. Discuss what our senses are and the importance of using them when making compost. Children have to identify the contents of covered 'smelly-pots' containing a variety of food waste using only their sense of smell (e.g. onion, tea bag, cheese, banana skin, bacon crisp etc). Once the rubbish has been correctly identified they must decide if it should be put in the compost bin. Finish with a 'smelly pot' filled with compost to highlight the point that compost isn't smelly or yucky if made correctly.

Plenary:

What have we learnt from the workshop? Why is it important to recycle waste from the kitchen and garden? What can/can't go in a compost bin? How do mini-beasts help? How can we use compost? How will you help your plants grow?

Impress the importance of washing hands following handling of the compost.