

Lesson Title: Compost Cook	Key Stage: 1 and 2
<p>Curriculum Links: KEYSTAGE 1: Sc1) 1, 2a, 2b, 2f, 2h, 2i, Sc2) 1a, 1b, 1c, 2e, 4a, 4b, 5a, 5b, 5c, Sc3)1a, 1b, 1c, 1d, 2a, 2b, KEYSTAGE 2: Sc1) 1a, 1b, Sc2) 1a, 1b, 1c, 1e, 5c, 5b, 5c, 5d, 5f Sc3) 1a, 1d, 1e, 3a, 3c</p>	
<p>Key Words: Compost, organic, waste, landfill, compost bin, reduce, reuse, recycle, rot, decompose, WB – Whiteboard,</p>	
<p>Key Questions:</p> <ul style="list-style-type: none"> • What is composting? • What can we compost? • Can you name the main elements that are needed for composting? • Can you ID the mini-beasts that live in compost, and explain their role? 	
<p>Objectives:</p> <ul style="list-style-type: none"> • To understand that we need to recycle organic waste. • To understand the processes involved in composting. • To classify what waste can be composted. • To close the loop in compost recycling by growing a plant. 	
<p>Possible Activities: <u>Starter:</u> Take children out to the compost bin on site. (If not possible show children a picture of a compost bin: Resource A) Ask the children what this bin is called and what it is for. Explain that composting is a form of recycling. Instigate a discussion about why we need to recycle, record ideas on whiteboard. Using the pictures in Resource B: Compost bin sort cards, go around the group with each child picking a card and placing it either in the Yes or No pile. Children can help each other by either calling out the answers or doing thumbs up/thumbs down. <u>Main:</u> Children to add all the 'Yes' cards into a mini compost bin, explain that composting is like cooking and we need to have a compost cook. Dress a child in cook's apron and hat. Children to tell 'cook' other ingredients to add: water, sunshine, minibeast and time (Resource C). Use props to relate these ideas. Once the compost procedure is over, look at a pot of live compost and discuss the process of rotting or decomposing. Children to put rotting pictures in order. Resource D: Rotting food pictures. Children to pot seeds or plants using compost as a growing medium, note recycling link as these can then be composted when they have died. <u>Plenary:</u> Smelly pots: explain to the children that inside each of the 4 covered pots are items that can go in the compost bin. Recap the criteria of compost waste – must rot, grow in garden, not be cooked, no meat or fish. Children to pass around pots and guess the contents, add a bacon crisp for an ingredient not to be added! For younger children leave the YES/ NO cards from the starter on display as a prompt. Check that all Key questions can be answered.</p>	
<p>Extension Activities: Collect real compost from the school's compost bin and examine the contents. Can we ID the waste, minibeasts etc?</p>	
<p>Cross Curricular Links: Design and technology, Numeracy.</p>	<p>Points to note</p>
<p>Homework ideas: Children to design a compost poster for peer education purposes that could be displayed in the dining room, in the playground etc.</p>	
<p>Resources: Resources A, B, C, D, compost bin, apron, cooks hat, wooden spoon, watering can, egg timer, minibeast puppets, plastic sunshine, live compost, smelly pots – plastic boxes with tinfoil lid with an orange, banana, tea bag, bacon crisp and onion inside.</p>	