

'I have, who has' game



create
your own
eden

Background information

This activity allows students to work together to learn about composting, worm farms and bokashi, as well as the importance of recycling our organic material.

Activity instructions

1. Photocopy the game onto card and cut around each square to make small playing cards. Give each student at least once card each.
2. The student with the smiley face card begins by asking, "Who has: what is a landfill?"
3. The student with the answer reads out their card by saying "I have: a place where waste is disposed. Who has: what is the first of the 3 R's?" and so on.
4. The last card has the star on it.
5. The cards are in order, so be sure to mix them up before they are handed out. You could encourage students to make their own 'I have, who has' game.
6. For smaller groups, students can have more than one card each.
7. This activity encourages active listening, co-operation and it also involves all students.

Visit www.createyourowneden.org.nz for more information, facts and learning activity ideas, as well as a guide to setting up a school compost, worm farm or bokashi system.

J Who has: what is a landfill?	I have: a place where waste is disposed of. Who has: what is the first of the 3 R's?	I have: reduce. Who has: name three ways we can recycle our food scraps.
I have: put in a compost bin, worm farm or bokashi. Who has: what does biodegradable mean?	I have: able to break down. Who has: what does organic material mean?	I have: anything that was once alive. Who has: what are three things we can all do to minimise waste?
I have: reduce, reuse and recycle. Who has: What types of worms are used in worm farms?	I have: tiger worms. Who has: how can our school find out how many food scraps we throw away each day?	I have: do a waste audit. Who has: where is the best place to keep a worm farm?
I have: in a warm, sheltered place somewhere away from direct sunlight and rain. Who has: name five things that worms like to eat.	I have: fruit and vegetable scraps, tea bags, coffee grounds and crushed eggshells. Who has: name five things that worms don't like to eat.	I have: meat and milk products, shiny paper, citrus fruit and spicy foods. Who has: name the four things that worms need in order to live.

<p>I have: food, moisture, oxygen and a warm temperature.</p> <p>Who has: does a worm's head grow back if it is cut in two?</p>	<p>I have: no.</p> <p>Who has: how much food do worms eat each day?</p>	<p>I have: their own body weight worth.</p> <p>Who has: where is the best place to keep a compost bin?</p>
<p>I have: in a sunny spot, on the soil.</p> <p>Who has: what are the two types of materials that compost bins like?</p>	<p>I have: green materials (providing nitrogen) and brown materials (providing carbon).</p> <p>Who has: what are two types of green materials?</p>	<p>I have: kitchen scraps and grass clippings.</p> <p>Who has: what are two types of brown materials?</p>
<p>I have: newspaper and sawdust.</p> <p>Who has: how long does compost usually take to make?</p>	<p>I have: anywhere between 2 and 18 months.</p> <p>Who has: what is the name of the compost system developed in Japan?</p>	<p>I have: bokashi.</p> <p>Who has: what is the special mix put in bokashi to help the food to pickle?</p>
<p>I have: compost zing (containing micro-organisms).</p> <p>Who has: what can you put in a bokashi that you can't put in a compost bin or worm farm?</p>	<p>I have: cooked and uncooked meat and fish.</p> <p>Who has: what sort of containers is bokashi usually put in?</p>	<p>I have: buckets (one inside another).</p> <p>Who has: since bokashi doesn't smell, where is it OK to keep your buckets?</p>
<p>I have: in the kitchen.</p> <p>Who has: what are four things that compost can be used for?</p>	<p>I have: gardens, forests, orchards and pot plant mix.</p> <p>Who has: what are four benefits of using compost?</p>	<p>I have: happy, healthy people; healthy fruit, vegetables, trees and plants; improved soil structure; and less erosion.</p> <p>«</p>