

How to build a leaf composting bin

Materials

- 4 bamboo canes – 1.5m high
- 4 cane toppers
- Measuring sticks
- 4.3m plastic netting / windbreak netting
- Thin gardening wire – cut 10 pieces each 8-10cm long



Choose the location for your bin, bearing in mind that it will be in place for a minimum of 2 years. A suitable location would be a sheltered corner of the garden out of direct sunlight and strong winds.



Measure out a 1m square plot using the measuring sticks. Place the first cane or stake at one corner of the square.

Continue until all 4 corners are marked in place with the canes or stakes.

Note. if using canes please ensure cane toppers are used for safety, if using stakes a mallet may be required (teacher use only).



Take the netting and wrap around the outside of all the stakes to form an enclosed cube, with an open top.



Fix the netting to the canes using the gardening wire, cable ties or string. Also ensure that where the netting overlaps it is also secured in position.



You are now ready to start collecting leaves to fill your bin. Use rakes to collect the leaves, get children to place leaves in trugs to transfer to leaf compost bin.

Note. to speed up decomposition the sides of the bin may be lined with newspaper to prevent drying. Also a newspaper or carpet top may be placed on top of the leaves to prevent drying and leaves blowing away. You can also water and turn the leaves occasionally.

Further work

When setting up your leaf bin also set up one (or more) black bin liner full of leaves and place in the same location. You can then compare the progress of the leaf bin decomposition to that of those leaves in the bag.