

Day 1 - How to build a mini wildlife pond

You will need:

- an old bucket or watertight container



- spade



- sand



- old bricks, rocks and pebbles



- native pondweed (eg. curled pondweed)



① Dig a hole deep enough to hold your container.

③ Sit the container in the hole and fill the gaps with loose soil.

② Remove any sharp rocks and line bottom with sand.

④ Build a pile of rocks and bricks in bottom, scatter pebbles and add pondweed. Fill with rainwater.



Day 2 – How to make your own salt dough creatures

You will need:

- 2 cups of plain flour 
- 1 cup of salt 
- 1 cup of water 
- shaping tools



- baking tray lined with parchment



- oven or airing cupboard
- acrylic paint, varnish and brushes (optional)



- 1 Mix the flour, salt and water together until you have a dough that sticks together.



- 3 Place your creature on a tray in an oven on a low heat until the dough is hard.



You could also use an airing cupboard or even a sunny window ledge.

- 2 Use your hands to mould the dough into the shape of an animal. Use any tools you have to add finer detail.



- 4 When the dough has cooled, paint it and add a final layer of varnish.



Day 3 - How to build a bumblebee nest

You will need:

- terracotta flower pot



hole in bottom

- trowel



- dry grass or moss



- sheltered spot that gets some sun



(preferably under a bush)

- 1 Dig a small, shallow hole under a bush. Your chosen site should not get too hot or too cold, and be in sun for about half of the day.



- 2 Fill the flowerpot with dry grass and/or moss.



- 3 Half-bury the flowerpot upside down in the hole. Position it at an angle so that the hole in the bottom points out.



Day 4 – How to make your own wormery

You will need:

- 2-3 earthworms



- 1 litre clear plastic drinks bottle



- Garden soil



- Compost



- Light-coloured sand



- Scissors



- Cling film and an elastic band



- Water



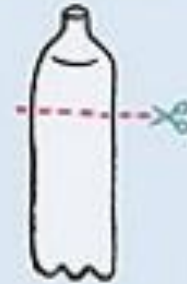
- Leaves



- Paper or card and tape



- 1 With the help of an adult, cut the top off the drinks bottle and remove any labels



- 2 Build up layers of different kinds of soil and sand in the bottle



- 3 Sprinkle fallen leaves over the top and water until damp



- 4 Add your worms!



- 5 Secure cling film over the top to stop your worms escaping. Pierce with tiny holes.



- 6 Wrap the bottle in paper to keep it dark for your worms. You can remove this when you want to have a look at how they've mixed the layers.



- 7 Keep in a cool place and top up with water when needed. Release your worms back into the wild after you've finished your experiment.



Day 5 - How to make an edible pond

You will need:

- 500ml pack of lime jelly 
- Sacket of blackcurrant jelly 
- Sacket of gelatine 
- Blue food colouring 
- Dragon fruit or cooked tapioca  
- Jelly worms, bugs or fish 
- Green apple fruit bars 
- Green grapes 
- Chocolate frogs 
- 1 litre clear bowl 
- Measuring jugs 
- Sieve 
- Scissors 



Follow packet instructions to mix each colour of jelly in a jug. Allow jelly to cool (but not set) before pouring it into the bowl to create a new layer.

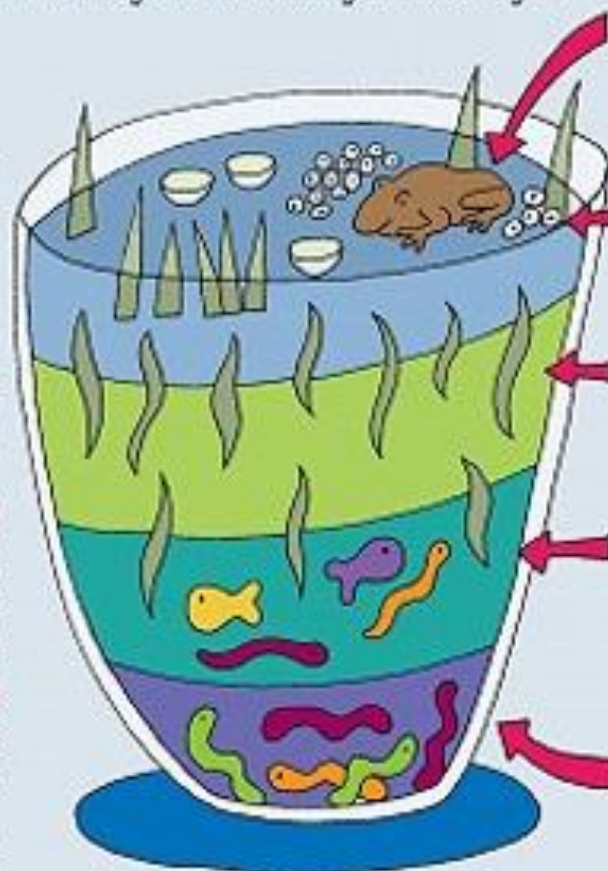
In your bowl, allow each new layer of jelly to set for an hour in the fridge before adding another layer.

LAYER FOUR
Half a pint of gelatine, add a few drops of blue food colouring

LAYER THREE
Remaining green jelly

LAYER TWO
Half the green jelly + two drops of blue food colouring

LAYER ONE
Make up the blackcurrant jelly, pour it into the bowl, and leave to set.



Add a chocolate frog near the spawn and enjoy!

A clump of chopped dragon fruit or tapioca (frogspawn) with some sliced green grapes (lily pads).

Stick the remaining reed shapes upright into the jelly

Another layer of worms or bugs and half of reed shapes cut from the apple fruit bar

A layer of jelly worms

Day 6 - How to make a mini nature reserve

1 Choose your site

Choose a safe place to put your window box – somewhere like an old bench or wall at an easy height for inspection.

2 Gather your materials

- window box
- a small log
- yoghurt pot
- some compost
- a rock

3 Fill the box with compost

Always use peat-free compost and save our precious peat bogs.

4 Add a few features

Dig in the yoghurt pot and add the small log and rock.

5 Leave!

6 Keep a diary

Record the changes you see. Make notes using guidebooks and take a photo every week.

7 Management

Remove out of control plants or cut them back with scissors.



Day 7 - How to make your own bird feeder

What you need:

- dry ingredients
 - bird seed
 - dried fruit
 - cooked rice
 - breadcrumbs
 - grated cheese
 - chopped nuts

- hard cooking fat (lard or suet)

- a pine cone, coconut shell or yoghurt pot



Use an old yoghurt pot for this, and always recycle after it's been used

- string



- 1 Mix all the dry ingredients together in a bowl



- 2 Add the fat and give it a good mix around

- 3 Choose your feeder



plaster all over a pine cone



put it round the inside of a coconut shell



press into a yoghurt pot

You can hang this upside down like a bell or turn it out like a cake

- 4 Hang your feeders with string (you may need to make holes and tie the string in before adding the mix)



Hang your feeder where you can watch birds without disturbing them

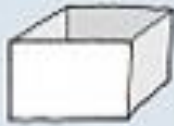
If you need to melt the fat, ask an adult to help



Day 8 - How to make a simple hedgehog house

You will need:

- Medium-sized plastic storage box



- Stanley knife



- Leaf litter



- Dry grass or straw



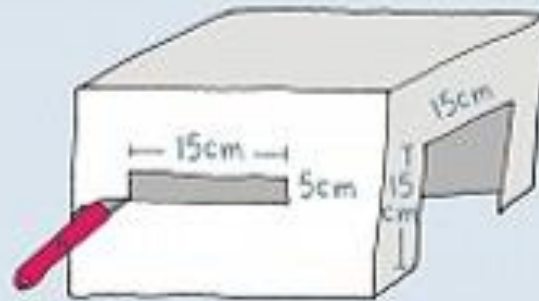
- Carrier bag



- Twigs and dry leaves



- 1 Cut two side air vents and an entrance into the plastic box.

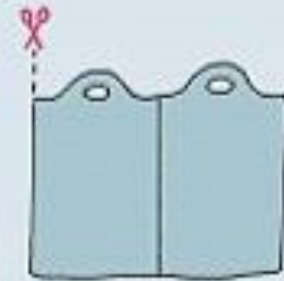


- 2 Put some leaf litter inside the box, with clean, dry grass or straw on top.



- 3 Tuck the box near a hedge (with the entrance facing south if possible).

- 4 Put an opened-up carrier bag over the top of the box, then cover with twigs, dry grass and leaves.



Day 9 - How to make seed bombs

You will need:

- Meadow flower seeds or seeds collected from the garden



- Peat-free compost



- Water



- Powdered clay (from craft shops - use clay soil if you can't find any)



- Mixing bowl



- 1 In a bowl, mix together 1 cup of seeds with 5 cups of compost and 2-3 cups of clay powder.



- 2 Slowly mix in water with your hands until everything sticks together, then roll mixture into firm balls.



- 3
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- 4 Now for the fun bit - plant by throwing your seed bombs at bare parts of the garden!



Day 10 – How to make a butterfly feeder

What you need:

- card 
- plastic bottle top 
- scissors 
- a straw or cane 
- sellotape 
- a pot with soil in it 
- cotton wool 
- colouring pens or pencils 
- sugar 
- water 

1 Draw a flower on your card and colour it in with bright colours, then cut it out.



2 Stick a plastic bottle top in the centre.



3 Use sellotape to stick the straw or cane onto the back of the flower, and stand it in the pot of soil.

4 Mix the sugar with some water and soak the cotton wool in the solution.

5 Put cotton wool inside bottle top.

Put your feeder outside, somewhere sunny on a warm day.

