

Rushcliffe Recycling

ACTIVITY BOOK

We can all help to eliminate waste and protect our environment by putting the three Rs into practice:

REDUCE, REUSE AND RECYCLE!

Doing all three of these activities every day is not only important for a healthy environment, it can also be fun too.

- 1 Reduce** waste by cutting the amount of items you use in the first place so that you have less to throw away.
- 2 Reuse** by using things again (and again and again)! If you can't reduce, then try to reuse. Lots of things can be reused, such as jars, bags and boxes. If you can't reuse them yourself try to find someone else who can!
- 3 Recycle** by using things that have already been used to make new things. Only recycle when you can't reduce or reuse.

Many thanks to Veolia Environmental Services, Nottinghamshire County Council and Community Engagement for all their help in producing this puzzle book. This activity book has been produced on recycled paper. When you have finished with it, please recycle it.



Please retain this information for future reference. Not suitable for children under 36 months. Small parts may present a hazard. Remedy, Charlton Mills, 3, Cambridge Street, Manchester, M1 5B7, Tel: 0161 236 6508 www.rimedy-group.co.uk





The Possibilities are Endless



All the items on this page can either be recycled or composted once they are finished with.
Why don't you colour them in?
Can you count how many items there are?

Paper can be recycled up to seven times.
After this, it can be used in packaging materials.

Let's Recycle More

Can you find six items that you can recycle in the green bin?

FLOWERS
TWIGS
LEAVES
PLANTS
BARK
WEEDS

C _____
T _____
C _____
E _____
P _____
E _____

F L O W E R S T
H T S E B C W D
A M G E P I T H
C K K D G P W Y
G W R S I J Y E
L E A V E S X A
W T B V N M T D
P L A N T S S O

Can you find six items that you can recycle in the blue bin and fill in the missing letters above?

C E R E A L B O X
T G C S P T V W G
A G P J A D S B A
U B A I P O D B G
T O S N E M P U O
J X P R R S H I W
C A R D B O A R D
T I S S U E B O X
E N V E L O P E S

Remember – before you throw anything away, stop and ask yourself: 'Can it be recycled?'

2

Making Compost

Not only is composting fun, it is also very easy! Just follow the steps below.

1



Step 1 – Placing your bin

The first thing to do is to select a spot to set up your bin. It should be out of the way but easy to reach and with plenty of room to work around. A good place would be near your garden or in a back corner of a yard. It is also a good idea to choose a location that is sunny and close to a source of water.

2



Step 2 – Putting things in:

Now for the recipe! The micro-organisms that recycle leaves and other plant parts need an even mix of browns and greens to munch on. They also need air and water to live and work. Put all this together and in time you will have compost! Good greens include vegetable peelings, tea bags, plant and grass cuttings. Good browns include paper, fallen leaves and egg boxes.

3



Step 3 – Keep out!

There are certain items that should never be placed in your compost bin. Don't use meat, milk products or cooked vegetables because pets and other animals may try to dig them out of your compost bin. Also, don't use diseased garden plants, as they can spread disease back into the garden later when you use the compost.

4



Step 4 – Making good compost

The key to good compost lies in getting the right mix. You need to keep your greens and browns properly balanced. If your compost is too wet, add more browns. If it is too dry, add more greens. Making sure that there is enough air in the mixture is also important. Adding scrunched-up bits of cardboard is a simple way to create air pockets that will help keep your compost healthy. Air can also be added by mixing the contents in the compost bin. After approximately six to nine months your compost will be ready.

5



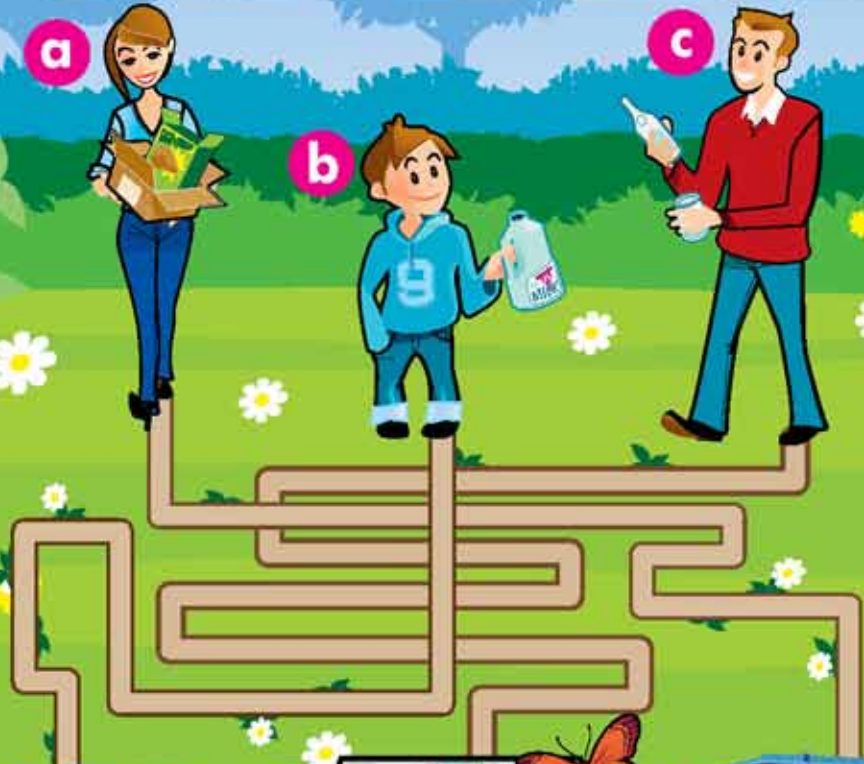
Step 5 – Using your compost

Your compost is ready when it is dark in colour and has an earthy smell. It has a spongy texture and is rich in nutrients. When the compost appears to be ready, take some from the bottom of the pile, put it on your garden and watch those plants grow!

3

Recycle Maze!

Let's Talk Rubbish!



Let's see how much you really know about waste and the three Rs! Circle the correct answer to the questions below to test your knowledge on waste and what should be done with it!

Which of the following helps to reduce the amount of paper used?

- a) Putting it in a recycling bin.
- b) Putting it in a dustbin.
- c) Writing or printing on both sides.
- d) Making papier-mâché models.



Roughly how many trees does it take to make one tonne of paper (a car weighs about one tonne)?

- a) 3 trees.
- b) 17 trees.
- c) 1 tree.
- d) 100 trees.



What is the best way to deal with our rubbish?

- a) Reuse it.
- b) Recycle it.
- c) Reduce it.
- d) Throw it in the bin.



Which of the following does NOT save energy in your home?

- a) Turning your TV to stand-by.
- b) Turning off and unplugging all appliances when they are not in use.
- c) Turning off all lights when you are not in the room.
- d) Turning taps off when brushing your teeth.



What happens if you reduce waste?

- a) You conserve valuable resources.
- b) You save money.
- c) You help the environment.
- d) All of the above.



4

Follow the paths to see who is putting the item in the wrong bin.



Remember to Reduce, Reuse and Recycle!

5



Recycling Classroom



6

Did you know there are several items that you use every day at school that can be recycled or composted? There are six hidden in the picture above; see how many you can find.

Renewable Energy

There are lots of ways in which we can get energy. 90% of the world's energy comes from using the earth's resources; these are called fossil fuels. Fossil fuels are 'non-renewable', which means they cannot be replaced – once we have used them up, they're gone forever! Because of this it's important that we find other sources that won't run out; these sources are called 'renewable'.

Can you circle all the images that are renewable energy sources below?



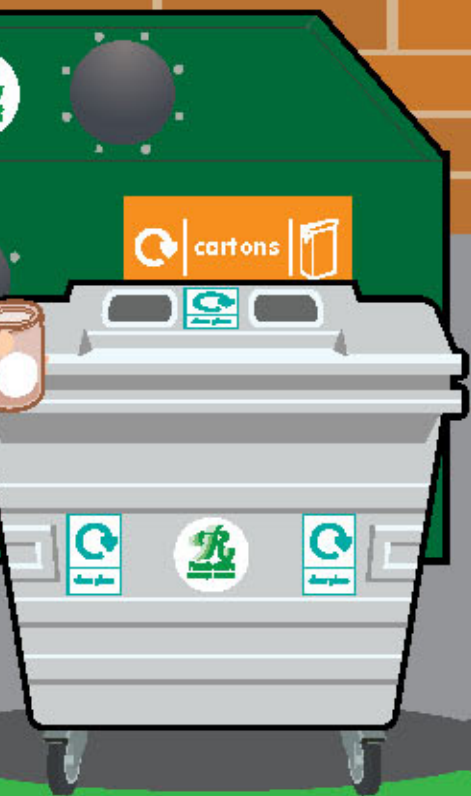
7

Renewable energy is also called 'clean energy' or 'green power' because it doesn't pollute the air or water.

Don't Bin It, Bring It!


THE ITEMS ON THIS PAGE
ARE NOT TO BE PLACED
INTO THE BLUE RECYCLING
BINS AND SHOULD BE
TAKEN TO A BRING
SITE FACILITY

Match the items below to the bins they belong to.



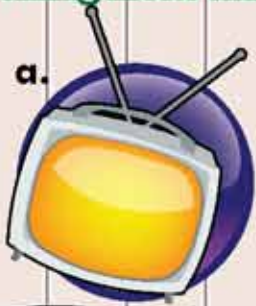
8

recycling₂go

9

Let's Waste Less

There are some very simple ways we can all save energy and help the planet. Can you guess which ones the recycling family are talking about? Write the correct letter in each speech bubble.



This uses much less energy than a bath!



Only use this when you can put a full load in!



Switch this off whenever it is not in use!



Recycle Crossword



recycle
batteries
reduce

reuse
durable
earth
bulk
compost

ACROSS

- To collect used materials to make into new products rather than throwing them away.
- To throw less rubbish away.
- These come in disposable and rechargeable varieties.

DOWN

- A product can be considered _____ when it lasts a long time.
- What does a pile of vegetable peelings, leaves and grass turn into?
- To use something again for the same or a new purpose.
- If you buy one large bag of potatoes rather than five small bags, you are buying in _____.
- Fossil fuels, such as coal, oil and natural gas that are used to manufacture products and heat our homes, come from the _____.



Dot to Dot

Join the dots to discover what is on the washing line.



Redraw and Reveal

To reveal the image below, copy the bold lines in the squares below onto the grid in the correct places.

A1



A3



B2



A2



B3



B1



1

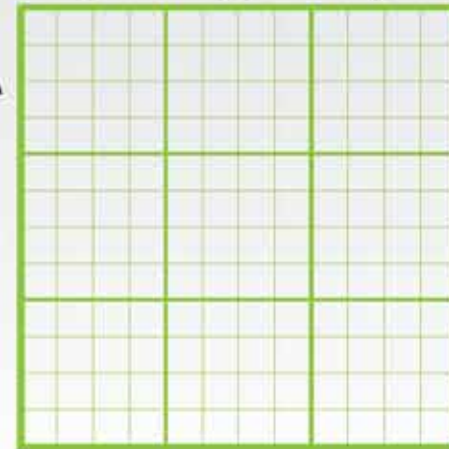
2

3

A

B

C



C1



C2



C3



12

When the weather is warm, why not try hanging your clothes outside to dry on the washing line. Not using the tumble dryer is much better for the environment and it also helps to save energy.

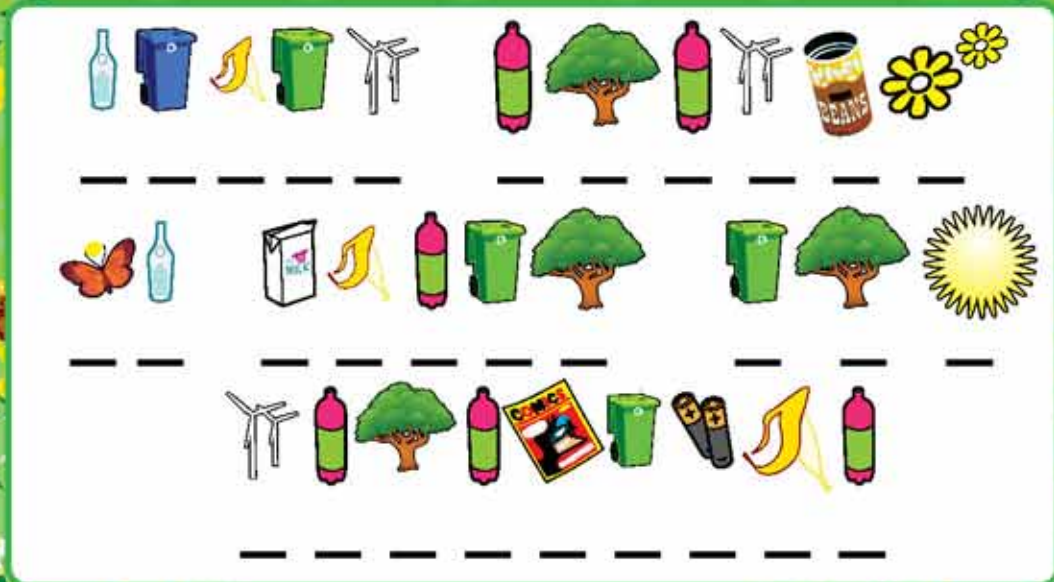
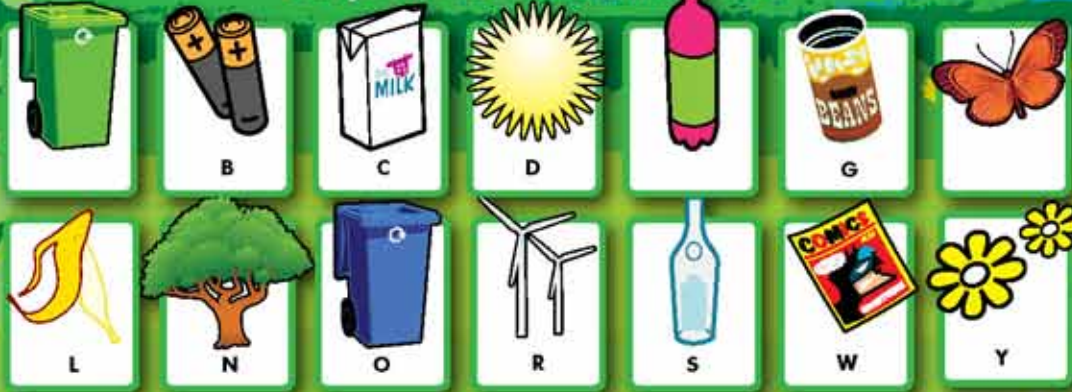
Do you know what the logo means?

13

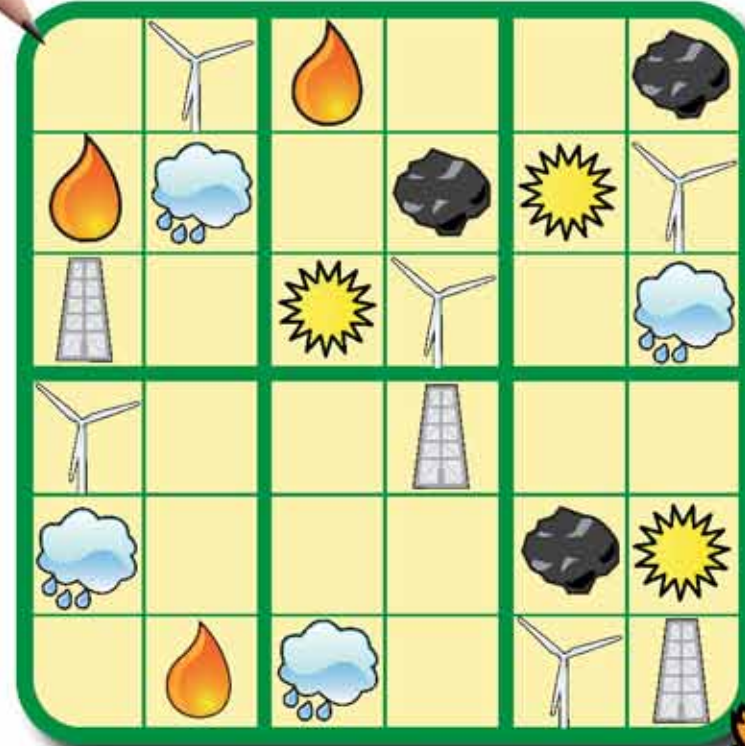


Energy Decoder

There is an energy message hidden in this secret code!
Using the code below see if you can solve the secret message.
There are also some letters which are not included in the code.
Can you work out what these are?



Energy Source Sudoku



Fill in the blank boxes in the Sudoku grid above so that every row, column and section contains only one of the energy source symbols.



Natural gas



Hydro power



Wind



Solar power



Coal



Oil

Spot the Difference



There are five differences in these pictures. Can you spot them all?



Circle the ones you spot!