



KS3 Conservation

Curriculum Links

SCIENCE

Interactions and interdependencies

Relationships in an ecosystem

- how organisms affect, and are affected by, their environment, including the accumulation of toxic materials.

Genetics and evolution

Inheritance, chromosomes, DNA and genes

- changes in the environment may leave individuals within a species, and some entire species, less well adapted to compete successfully and reproduce, which in turn may lead to extinction
- the importance of maintaining biodiversity and the use of gene banks to preserve hereditary material.

GEOGRAPHY

Human and physical geography



Conservation

There are four major threats to animals. Can you rearrange the words below to reveal them. Then copy the letters into the corresponding numbered boxes to reveal a fascinating fact!

huintgn

1 _ 2 _ 3 _ 4 _

lutnilpoo

5 _ 6 _ 7 _ _ _ _

tepdært

_ 8 _ _ 9 10 11 _

biataht ruosietcdnt

_ _ _ _ _ _ _ _ _ _ 12 _ _ _ 13 _ _ _

W 3 8 2 3 Y F 4 8 5 8 9 13 8 2 3 F 6 10 7 7 3 1 8

12 5 8 13 4 8 12 4 2 3 1 8 W 6 9 7 11 10 9 8

3 1 9 8 10 3 8 2 8 11 W 4 3 1 8 X 3 4 2 13 3 4 6 2

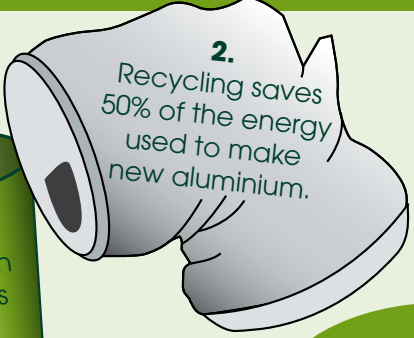
True or False?
Mark each sentence with a 'T' if the sentence is true or 'F' if the sentence is false. Then look at the answers at the bottom of the sheet to see if you are right!



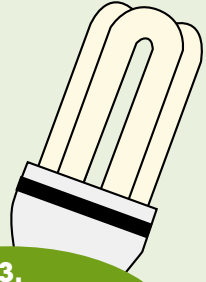
4. 61% of car journeys are less than a mile.



1. Each person in the UK throws out 5 times their own body weight in waste each year.



2. Recycling saves 50% of the energy used to make new aluminium.



3. Energy saving light bulbs use only a quarter of the electricity of normal bulbs.

Do you have a green club at school?
If not why not set one up! Your club could help the school to become more environmentally friendly by setting up collection bins for staff and students to recycle their cans, plastic bottles and waste paper!

1) False: 10 times their body weight. 2) False: It saves 90%. 3) True 4) True

What a lot of rubbish



How can recycling save threatened species?

Many habitats are destroyed to get materials for the products we want. For example, parts of the Indonesian rainforests have been cut down to make way for plantations to grow wood fibre to make paper. Therefore recycling paper and buying recycled paper will help reduce the need for more areas of rainforest to be cut down for this purpose.



Recycling word search

Materials that can be recycled:

- aluminium
- cardboard
- paper
- plastic
- textiles
- glass

Products that can be recycled:

- vegetable peelings
- cereal box
- newspaper
- drinks can
- milk carton
- wine bottle
- apple core

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

Did you know?

The energy saved from recycling one glass bottle will power a computer for 25 minutes.

It takes just 7 days to recycle a newspaper into a new one.

Most homes get through 600 cans every year which is the length of 7 buses.

What can you do?

Find out 3 more facts about recycling and use them to make a poster to encourage more people to recycle.

(A good place to start is www.recycleforhampshire.org.uk)

How many new words can you make out of the letters in the sentence below?

recycling plastic is fantastic

Can you write a catchy phrase about recycling? Perhaps you could use it on your poster.