



Today, many businesses are considering the effect their businesses have on the environment. Some are making choices based on what is best for the environment. Unfortunately, in the past, this has not always been the case.

The world has always been seen as a vast area of oceans and lands. We thought we could use everything around us however we wanted, because there would always be more for 'tomorrow'. But we were wrong. Now it is the 21st century and some resources are starting to run out!

The things we need to take and use from the Earth are called natural resources. They include:

- animals
- plants
- water
- air
- soil
- minerals

There are many reasons why we need these natural resources. We must think before we destroy forests and pollute the air and water, because these things are needed not just today, but in the future. We have to start looking at ways to conserve (look after) our natural resources. Some ideas for how we can do this include:

- build factories and cars that create less pollution
- protect more places where animals and plants live
- start restoring the environments that have been destroyed
- use fewer chemicals in farming so that the soil stays healthier
- use plantation (tree farm) and recycled timber, instead of cutting down forests.



There are lots of great ideas to stop wasting and polluting our natural resources. What others can you think of?



1. Complete these activities.

(a) Find each word in the 'new words' list in the puzzle below.

New words

- natural
- resource
- destroy
- pollute
- protect
- restore
- chemical
- healthy
- recycle
- waste

A	C	R	P	R	O	T	E	C	T	P
O	H	B	Y	T	S	I	R	E	C	O
R	E	S	O	U	R	C	E	D	R	L
I	M	A	E	P	T	H	C	S	E	L
N	I	S	R	N	R	E	Y	W	S	U
S	C	P	H	O	I	A	C	A	T	T
N	A	T	U	R	A	L	L	S	O	E
H	L	Y	K	Q	U	T	E	T	R	D
T	I	S	A	P	B	H	S	E	E	C
D	E	S	T	R	O	Y	I	T	D	P



(b) Use the words from the 'new words' list to complete this passage.

Things that people need to take from the earth to survive are called _____⁽¹⁾ _____⁽²⁾. Unfortunately, we are using too many of these natural resources. We _____⁽³⁾ the environment by using _____⁽⁴⁾ and producing _____⁽⁵⁾ that _____⁽⁶⁾ the land, air and water. We need to _____⁽⁷⁾ the resources that are left and work hard to keep our environment _____⁽⁸⁾.

2. Answer these questions.

(a) List six natural resources.

-
-
-
-
-
-

(b) (i) What do you think 'conserve' means?

(ii) How can we help to conserve forests?

7 Information Leaflet

Leaflets provide information in a simple, attractive format. They attempt to persuade us to do something, such as join an organisation, buy a product or use a service. Write the correct checklist labels onto the boxes beside this leaflet.

Checklist

- details of program
- the good news!
- main headline
- helping options
- main message
- subheading
- conclusion
- diagrams
- contact information
- application details

Save Our Rainforests!

The Amazon forests are being destroyed by expanding cattle ranches, timber companies and goldminers.

Your support is vital or the forests will be lost forever.

You can help in these ways:

- become a member of our organisation
- donate money
- collect money for the cause
- write to a cabinet minister or the president
- spread the message

For information – phone: 030 2681 631
 – fax: 030 2344 270
 – email: sor@mend.co.braz

Our office bearers advise government committees
 We monitor all rainforest developments
 Our committee allocates funds
 We run education programs in schools
 We liaise with native Indian tribal chiefs

Remember: These are some of the world's last great rainforests and we need to preserve them.

Complete the membership application form on the reverse side of this leaflet. Thank you!

Did you know?
 A traditional home of the Amazonian Indians is a 'maloca', a long house with mud walls and a thatched roof. It is occupied by several families who sleep in 'hamacas' (the origin of our word 'hammock').

Did you know?
 The world's largest iron ore mine has been developed in Amazonia, and thousands of trees have been destroyed, which means many of the Indians have lost their homes and farmland.

Design your own leaflet.

It can be for a charity, a school fete, to save an animal from extinction, a children's holiday program etc. Design your own layout, but include the ideas in the checklist above. Create your final design on another sheet of paper.

Calculation genius



- Complete these four calculations.

Check these answers on a calculator.



$$1.36 + 2.47 = \underline{\quad\quad}$$

$$5.3 + 0.17 = \underline{\quad\quad}$$

$$4.62 - 1.3 = \underline{\quad\quad}$$

$$2.73 - 0.8 = \underline{\quad\quad}$$

- Use the calculations above to help you find these answers.

- | | | |
|---|--|---|
| 1. $1.93 + 0.8 = \underline{\quad\quad}$ |  | 2. $5.47 - 0.17 = \underline{\quad\quad}$ |
| 3. $2.73 - 1.93 = \underline{\quad\quad}$ | | 4. $3.32 + 1.3 = \underline{\quad\quad}$ |
| 5. $3.83 - 1.36 = \underline{\quad\quad}$ | | 6. $5.47 - 5.3 = \underline{\quad\quad}$ |
| 7. $4.62 - 3.32 = \underline{\quad\quad}$ |  | 8. $3.83 - 2.47 = \underline{\quad\quad}$ |

- Find these answers. Adjust the calculations in questions 1 to 8 to help you find the answers.

- | | |
|--|---|
| 9. $1.93 + 2.8 = \underline{\quad\quad}$ | 10. $5.47 - 3.3 = \underline{\quad\quad}$ |
| 11. $3.83 - 2.36 = \underline{\quad\quad}$ | 12. $3.32 + 4.3 = \underline{\quad\quad}$ |



- Write nine additions or subtractions. Use only these five numbers.

1.72 5.93 4.21 2.49 6.7

Teachers' note The links between addition and subtraction will be better understood if the children are frequently asked to use a subtraction to check an addition, and an addition to check a subtraction.

Developing Numeracy
Calculations Year 6
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Alligator swamp

Colour the questions that have the answer **9** to find a path through the swamp.

start

12% of 75

$\frac{1}{3}$ of 27

75% of 12

$\frac{7}{8}$ of 16

30% of 30

$\frac{1}{3}$ of 99

10% of 400

$\frac{3}{7}$ of 21

25% of 26

8% of 4

70% of 40

25% of 36

10% of 200

150% of 6

60% of 15

$\frac{4}{5}$ of 55

1% of 900

$\frac{1}{8}$ of 64

45% of 20

$\frac{1}{2}$ of 18

10% of 90

$\frac{1}{9}$ of 81

30% of 36

$\frac{1}{4}$ of 24

$\frac{7}{8}$ of 56

$\frac{1}{12}$ of 108

$\frac{3}{5}$ of 15

$\frac{1}{6}$ of 54

60% of 8

90% of 10

$\frac{1}{8}$ of 63

$\frac{5}{8}$ of 32

$\frac{4}{8}$ of 24

$\frac{1}{7}$ of 63

20% of 45

100% of 9

$\frac{3}{8}$ of 24

$\frac{45}{100}$ of 20

finish

Teachers' note The children could use this sheet with a calculator to practise finding percentages and fractions of numbers. These can be described in real situations involving money, for example, 'What is 12% of £75?'

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