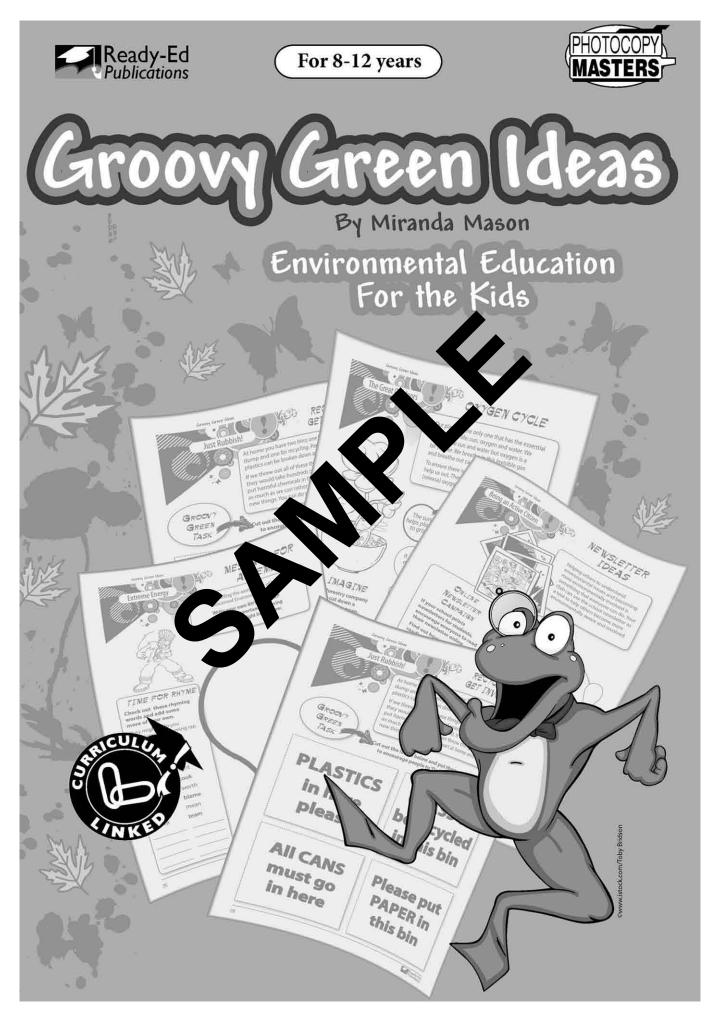
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TEACHER NOTES

"If you think you're too small to make a difference, you've never been in bed with a mosquito."

Anita Roddick, <u>Business as Unusual</u>, Thorsons, USA, 2001.

The world is a rapidly changing place and our effect on the planet is starting to have some dramatic consequences. Environmental education is playing an increasingly important role as children take over as the custodians of our planet.

Daily, there are new headlines and reports on environmental problems. We all know that we have to act, and no group feel it more keenly than students. Thinking responsibly and sustainably is now essential for our future.

This book empowers students by allowing them to explore environmental issues and by encouraging them to find practical ways to address these issues. <u>Groovy Green Ideas</u> broadly explores the environmental issues of Waste, Climate Change, Energy Usage, Natural Resources and Human Consum

The information pages in this text, help state to develop their knowledge of our pate and tackle the activities with configure

Don't wait – start your school environmental club toda, and next generation of Green sumker

5 Reasons to start TODAY

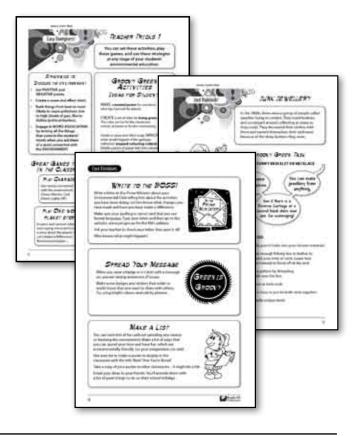
- Kids care about the planet, they want to make changes to their lives and make a difference;
- The students and in turn, their families will be inspired to consider the impact of their own actions;
- Will help build students problem solving skills and develop their creative thinking;
- The projects don't require expensive resources;
- It is terrific fun.

In Groovy Green Ideas you will find:

- Suggestions: for research activities, reading activities, writing activities and practical activities and games to do in the classroom. This book also suggests strategies to use in the classroom to teach environmental education and lists websites which students may find helpful when completing the activities.
- Activity Pages: There are plenty of curriculum-linked activity pages for students to complete in the classroom or for their homework.
- **Project Iden** These are activities which require muse thought and time.
- Information agencilear explanations of nvironmen ussues are provided to bunden students' knowledge and up the nur complete the activities.

Ast Finishers: Extension portunities for students.

Answers: The solutions for activities are provided at the back of the book.





Groovy Green Ideas



CHECK IT OUT!

YOU WILL NEED TWO SOFT

DRINK CANS AND ICE.

Put one of the cans in the

freezer until it is icy.

Keep the other can at room temperature.

Open the two cans. (You will hear the CO²

fizz as it is set free).

Watch and see which drink

keeps its bubbles for the longest period of time.

ICY OCEANS = COOL PLANET

Oceans provide whales and dolphins with a home and lots of food and provide us with fun places to visit on the holidays.

Oceans also play an essential part in our environment.

Oceans are cooler than the air temperature and they absorb CO² from the atmosphere. If our planet heats up then the oceans won't be able to absorb as much of the gas 12² and the oceans will get hener.

VY GREEN QUESTION

he sans warm up what will happen?

CLASS DISCUSSION

What can we do to cool the oceans down? CHECK OUT: • http://oceanexplorer.noaa.gov/

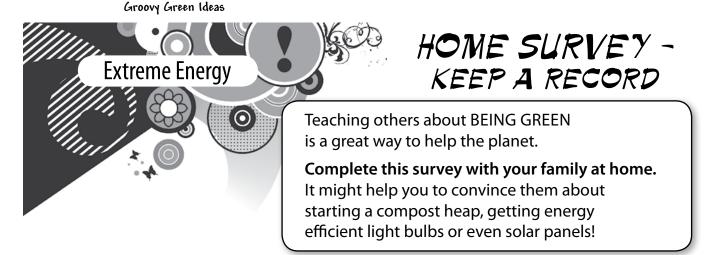
CEAN WORD SEARCH

Now you know all about cool planets, find words connected with the ocean in the word search below. They can go $\uparrow \rightarrow \checkmark$ or \searrow

с	u	r	r	е	n	t	b
а	f	р	0	Ι	а	r	а
r	s	w	i	m	0	d	Ι
b	n	а	t	S	s	е	а
ο	р	e	b	k	S	р	n
n	w	а	v	e	а	t	с
f	i	S	h	Ι	Ι	h	е
i	с	у	j	р	t	ο	у
	a r b o n f	a f r s b n o p n w f i	curafprswbnaopenwafis	curafporswibnatopebnwavfish	curreafpolrswimbnatsbnatsopebknwavefishl	currenafpolarswimobnatssopebksopebksnwaveafishll	currentafpolarrswimodbnatsseopebkspnwaveatfishllh



14



Record your electricity meter readings in the table below.

Find out the total energy used for each week by subtracting Monday's reading from Friday's reading.

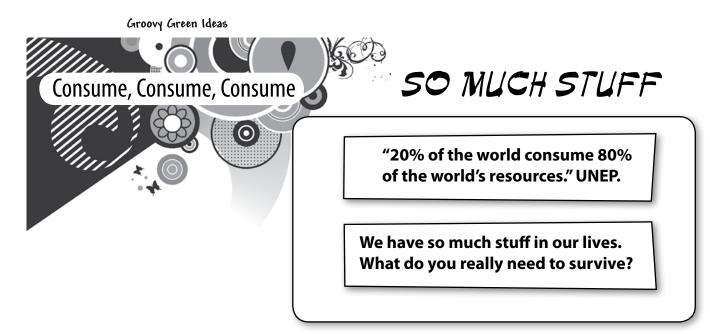
Week 1	Meter Reading	Week 2	Meter Reading		WEEK 1:
Monday	units	Monday	un		My family used units.
Friday	units	Friday	unit		WEEK 2:
Total	units	Tota	units		My family used units.
Did you u	use more electricity in	well	week 2?]	units.
-	you think this was?		·		

Record your energy and a tions for a week.

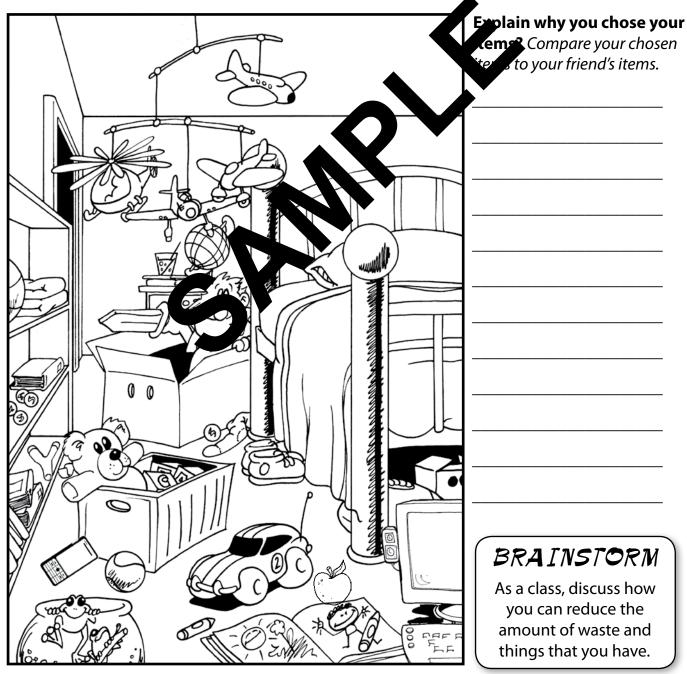
Tick the boxes to indicate often you did the following things. The results may help you to explain why your meter readings are high/low.

ENERGY SAVING ACTION	MONDAY	TUESDAY	WEDNES -DAY	THURSDAY	FRIDAY
Turned off the lights, TV, computer, radio when not in the room					
Turned off appliances at the wall					
Wore a jumper instead of using a heater					
Opened windows instead of using air conditioning					

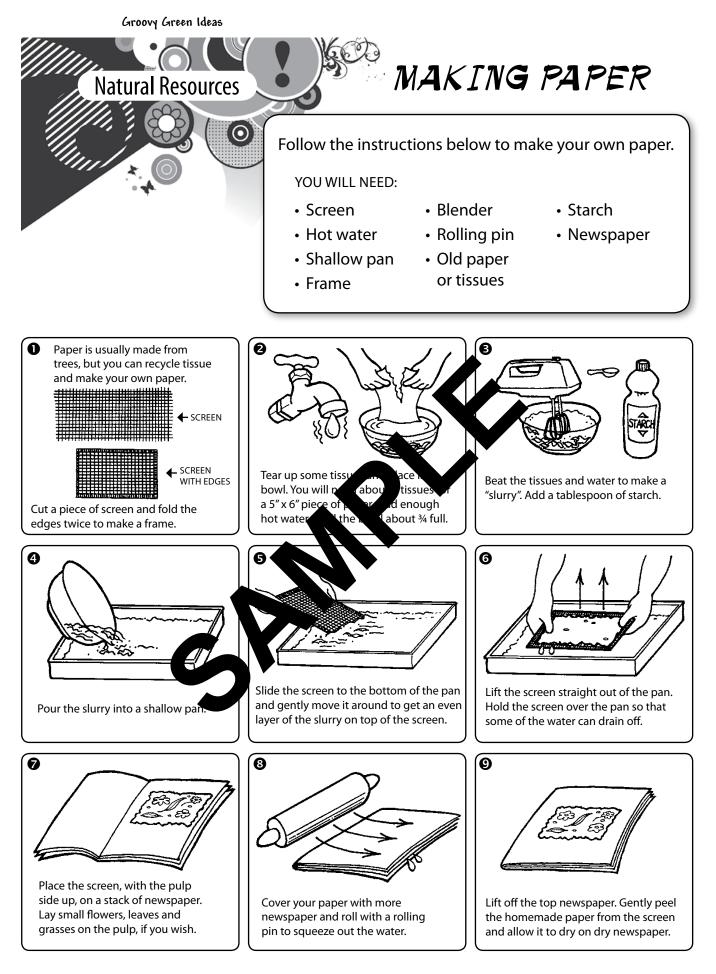




Choose the most important items in the picture below and colour them.







GROOVY GREEN PROJECT!

Keep a recycling box in your classroom. Collect all your old paper for a paper making day.

