

FOREWORD

SOLID WASTE MANAGEMENT HAS LONG BEEN IDENTIFIED AS A PRIORITY ISSUE FOR THE PACIFIC ISLANDS REGION. IN ADDITION TO THE NEED TO DEVELOP APPROPRIATE WASTE MANAGEMENT TECHNOLOGIES, IS THE NEED FOR BETTER EDUCATION AND AWARENESS TECHNIQUES TO HELP REDUCE THE AMOUNT OF WASTE WE CREATE. WASTE MINIMISATION MUST BECOME A GOAL OF ALL WASTE MANAGEMENT PROGRAMMES IF THEY ARE TO REMAIN SUSTAINABLE IN THE LONG TERM. EFFECTIVE EDUCATION AND AWARENESS PROGRAMMES COUPLED WITH SUITABLE, USER-FRIENDLY RESOURCES WILL HELP TO ACHIEVE THIS.

THIS BOOKLET WAS PRODUCED AS PART OF A EUROPEAN UNION-FUNDED INITIATIVE OF THE SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME TO HELP IN THE DEVELOPMENT OF PROGRAMMES TO RAISE PUBLIC AWARENESS AND UNDERSTANDING ON WASTE MANAGEMENT. IT PRESENTS AN OPPORTUNITY TO EMPLOY DIFFERENT APPROACHES TO TEACHING ABOUT WASTE MINIMISATION OR REDUCTION ISSUES.

A SERIES OF INFORMATION PAGES USE CARTOON STRIPS AND CHARACTERS TO DESCRIBE THE DIFFERENT TYPES OF COMMON WASTES AND SUGGESTED METHODS OF DISPOSAL.

FOCUS IS ON MINIMISING AT SOURCE AND THE USE OF "CONSUMER POWER" IS ADVOCATED.

THE PAGES ARE MOSTLY "STAND-ALONE" ITEMS ALLOWING FREEDOM IN THE MANNER IN WHICH THEY ARE UTILISED. IN THE CLASSROOM, PAGES MAY BE EXTRACTED AND USED IN ENGLISH LANGUAGE COMPREHENSION ACTIVITIES, AS AN INTRODUCTION TO A SCIENCE LESSON OR EVEN AS A BASIS FOR A MATHEMATICS LESSON. IN LESS FORMAL SITUATIONS, SUCH AS COMMUNITY DEVELOPMENT PROGRAMMES, SOME OF THE PAGES COULD BE REPRODUCED AND USED AS SIMPLE AWARENESS POSTERS OR TO FORM THE BASIS FOR A PAMPHLET OR BROCHURE. RADIO AND TELEVISION SPOTS COULD ALSO BE DEVISED USING SOME OF THE MATERIAL IN THE BOOKLET.

WE HOPE THAT YOU, THE USER, WILL FIND YOUR OWN WAYS OF USING THE MATERIAL IN THE BOOKLET AND THAT YOU WILL SHARE THIS INFORMATION WITH US. WE FURTHER HOPE THAT YOU WILL BE ENCOURAGED TO SHARE WITH US YOUR THOUGHTS ON THE CONTENT AND ITS SUITABILITY FOR YOUR OWN SITUATION. WE ENCLOSE A FEEDBACK SHEET FOR THIS PURPOSE AND LOOK FORWARD TO YOUR COMMENTS.

WE HOPE YOU WILL ENJOY THE MATERIAL IN THIS BOOKLET AND THAT IT WILL SERVE AS A USEFUL TOOL IN STIMULATING OUR ISLAND COMMUNITIES TO TAKE ANOTHER STEP TOWARDS REDUCING WASTE.

TAMARI'I TUTANGATA DIRECTOR



WHO CREATES WASTE?

WE ALL PO,,,THIS MAN
IS CREATING WASTE BUT
IT IS **BIODEGRADABLE**,
WHICH MEANS THAT
THIS TYPE OF WASTE
GETS BROKEN DOWN
INTO THE SOIL AGAIN
BY MICRO-ORGANISMS.

DO WE MAKE OTHER TYPES OF WASTE?

YES... ALMOST EVERYTHING WE DO MAKES SOME TYPE OF WASTE. OUR RUBBISH DUMPS ARE FULL OF THINGS WE THROW AWAY BECAUSE WE CANNOT FIND OTHER USES FOR THEM.

PAPER, GLASS, TIN CANS, PLASTIC, ALUMINIUM CANS AND BATTERIES ARE SOME OF THE THINGS YOU WILL FIND AT YOUR RUBBISH DUMP.

HOW CAN WE HELP REDUCE WASTE?

WE CAN ALL HELP BY SENSIBLE SHOPPING AND ALSO BY RE-USING AND RECYCLING ITEMS, SO THAT WE CAN REDUCE ALL OUR 'THROW AWAY' WASTE.



REDUCING OUR RUBBISH



THERE ARE MANY DIFFERENT TYPES OF RUBBISH AND EACH TYPE MUST BE DISPOSED OF (THROWN AWAY) CAREFULLY.

TO BE SURE WE DISPOSE OF OUR RUBBISH PROPERLY, WE FIRST NEED TO UNDERSTAND THEIR PROPERTIES.

BEFORE WE THROW ANYTHING AWAY, WE SHOULD ASK OURSELVES-

IS IT REALLY USELESS?

CAN IT BE REUSED?

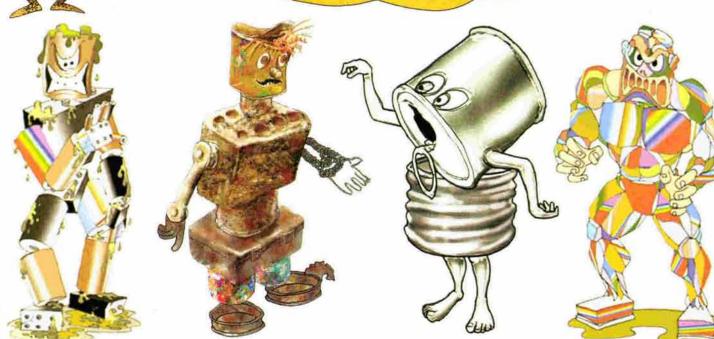
WILL IT HARM THE ENVIRONMENT WHEN I THROW IT AWAY?



WHICH MEMBER OF THE RUBBISH GANG DOES MOST OF YOUR RUBBISH GO TO? IS IT.....

....BART BATTERY?TIM TIN?PETER PAPER?GLENDA GLASS?

....PAUL PLASTIC?ALBERT ALUMINIUM?



PAPER AND CARDBOARD...



...ARE COMMON THINGS FOUND IN RUBBISH DUMPS AS BOXES, MAGAZINES, BAGS, NEWSPAPERS AND ALL TYPES OF WRITING PAPER. PAPER IS MADE FROM TREES. MANY TREES AND FORESTS ARE BEING CUT DOWN ALL OVER THE WORLD JUST TO MAKE PAPER.

PAPER AND CARDBOARD WILL QUICKLY ROT AWAY IN THE DUMP AND RETURN TO THE SOIL. PAPER CAN BE USED IN COMPOST HEAPS TO MAKE SOIL. THIS IS ONE WAY TO REUSE WASTE PAPER.

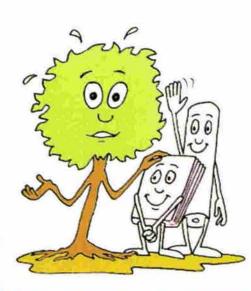


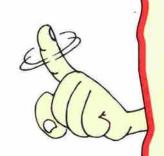
REUSE

PAPER AND CARDBOARD CAN BE REUSED AS WRAPPING PAPER FOR PARCELS, BOOK COVERS AND MAKING CHRISTMAS CARDS.



SET UP A PROJECT
AT YOUR SCHOOL
TO TRY AND REUSE THE WASTE PAPER
YOU CREATE





RECYCLE

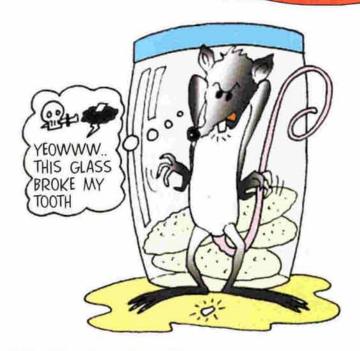
RECYCLE PAPER AND CARDBOARD AND ENCOURAGE THE RECYCLING INDUSTRY BY BUYING BOOKS, BOXES AND OTHER THINGS MADE FROM RECYCLED PAPER, SO THAT LESS TREES WILL HAVE TO BE CUT DOWN TO MAKE PAPER.

GLASS...

....IS COMMONLY FOUND IN RUBBISH DUMPS AS BOTTLES, JARS, WINDOW PANES, AND SOME EATING AND DRINKING VESSELS. GLASS DOES NOT DIRECTLY HARM THE ENVIRONMENT BUT BECAUSE IT IS NOT BIODEGRAPABLE, IT TAKES UP A LARGE AMOUNT OF SPACE AT THE RUBBISH DUMP.

REUSE

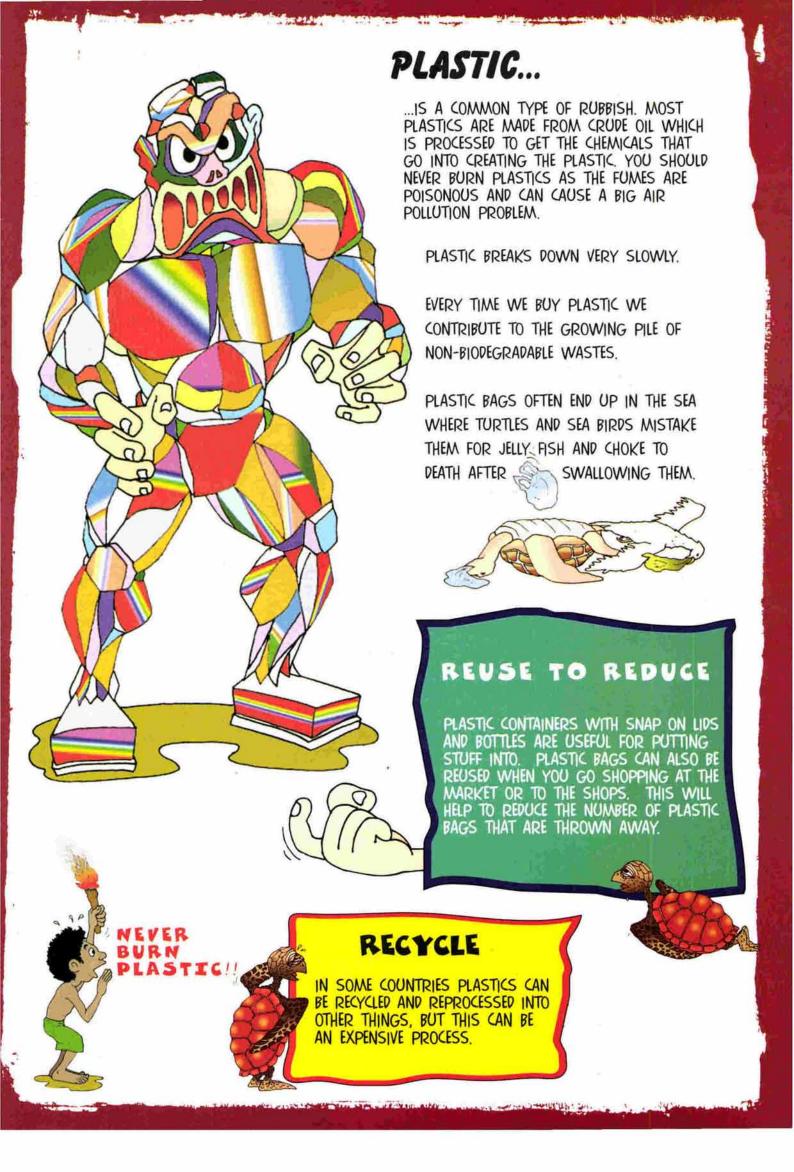
GLASS ITEMS CAN BE REUSED. FOR EXAMPLE, DRINK BOTTLES CAN BE RETURNED OR REFILLED WITH YOUR FAVOURITE DRINKS. GLASS JARS AND BOTTLES WITH LIDS ARE HANDY FOR KEEPING FOOD IN, AS RATS AND MICE CAN'T CHEW THROUGH THEM.

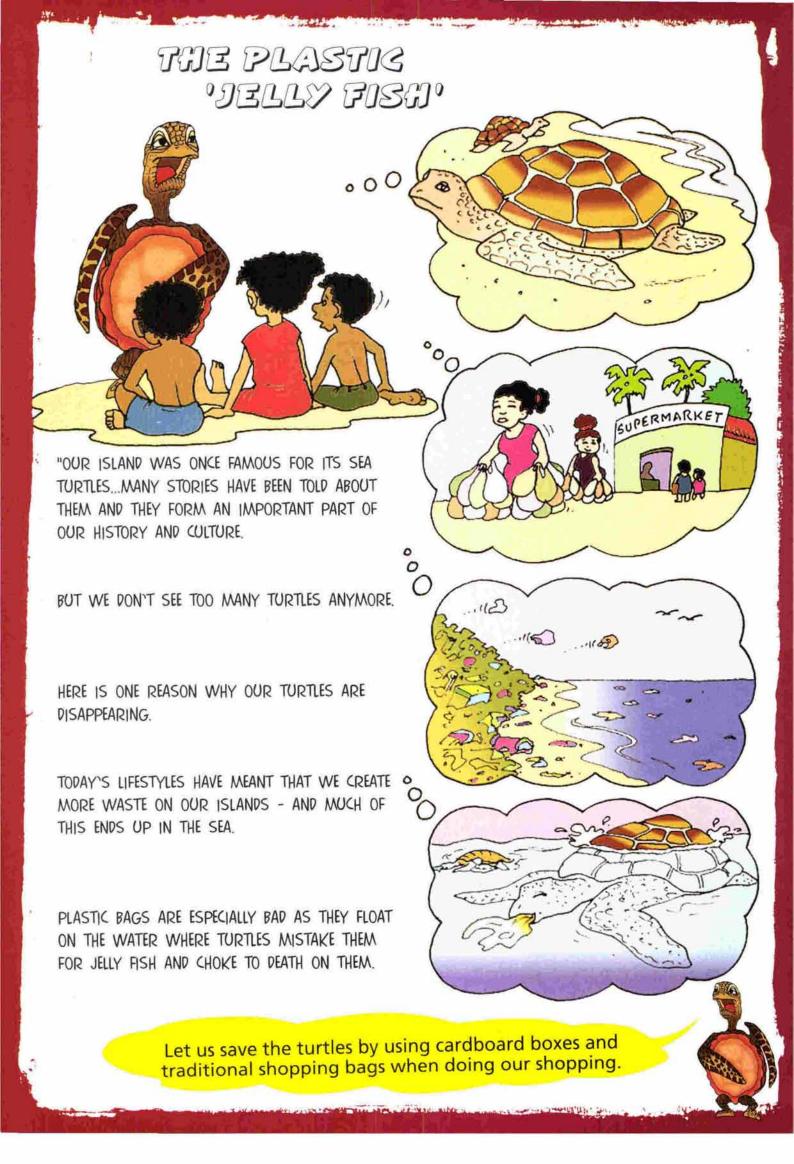


WARNING: DO NOT PUT POISONOUS LIQUIDS IN OLD DRINK BOTTLES. EG: SOFT DRINK BOTTLES



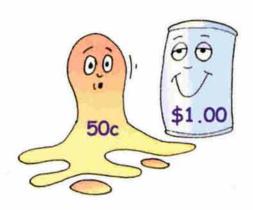
IN SOME COUNTRIES GLASS CAN BE RECYCLED BUT IN THE PACIFIC ISLANDS THIS IS AN EXPENSIVE PROCESS.





ALUMINIUM DRINK CANS...

...ARE A COMMON GARBAGE DUMP ITEM IN SOME COUNTRIES. THEY ARE MADE FROM A METAL CALLED ALUMINIUM USING A LARGE AMOUNT OF ENERGY. THIS MAKES THE CANS COSTLY TO MAKE BUT IT IS POSSIBLE TO RECYCLE THE CANS CHEAPLY.

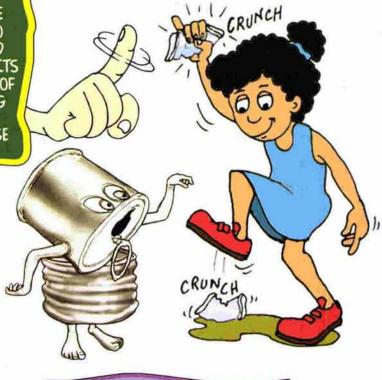




RECYCLE

ALUMINIUM CANS ARE TOO VALUABLE TO THROW AWAY AND ARE EASY TO RECYCLE, JUST CRUSH THEM UP AND SELL THEM TO SOMEONE WHO COLLECTS THE CANS FOR RECYCLING. A SACK OF CRUSHED CANS IS A VALUABLE THING AND IS IDEAL FOR SCHOOL AND CHURCH GROUPS TO SELL AND RAISE MONEY.

BECAUSE ALUMINIUM CANS TAKE A VERY LONG TIME TO BREAK DOWN IN NATURE, THEY CAUSE A PROBLEM AT THE RUBBISH DUMP BY TAKING UP TOO MUCH SPACE.





ALUMINIUM CANS CAN BE CUT BY SCISSORS INTO PIECES OF VERY FLAT METAL TO MAKE ALL SORTS OF THINGS.

WHAT CAN YOU DO WITH YOUR CANS?





TIN CANS



RECYCLE

IN SOME COUNTRIES YOU CAN SELL TIN CANS TO SCRAP METAL DEALERS.

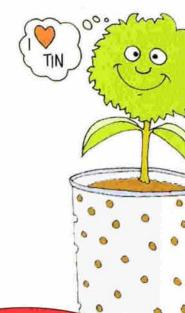


REUSE

WE TIN CANS ARE IDEAL FOR PLANTING SEEDLINGS IN...
HERE IS HOW IT IS DONE.

HI, I'M TIM TIN AND I'M MADE OF A METAL.

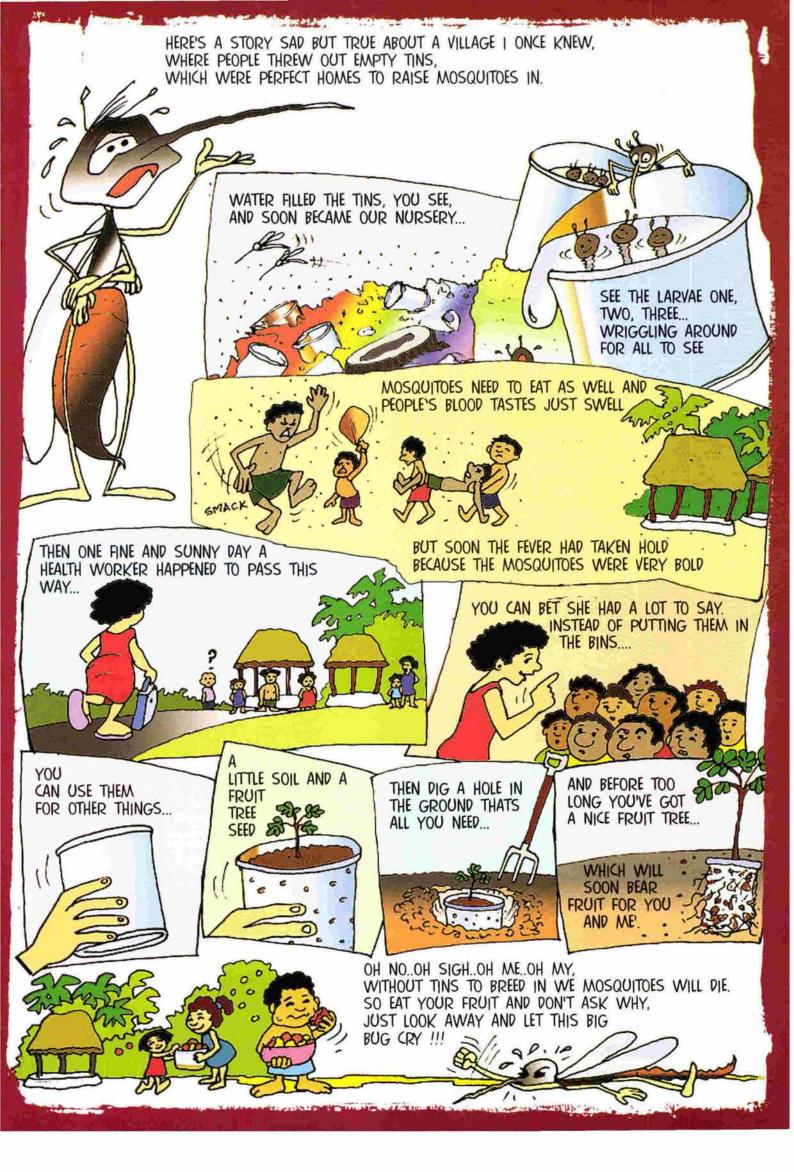
I TAKE A LONG TIME TO BREAK DOWN SO BE CAREFUL WHERE YOU THROW ME!

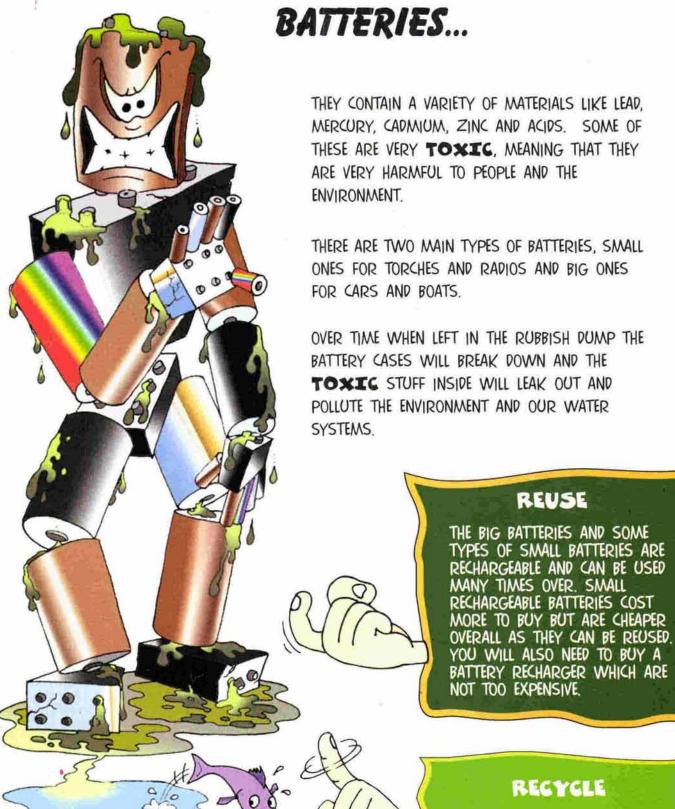


DRILL HOLES IN A TIN CAN AND FILL IT WITH SOIL AND A SEEDLING BEFORE PLANTING IT IN THE GROUND.









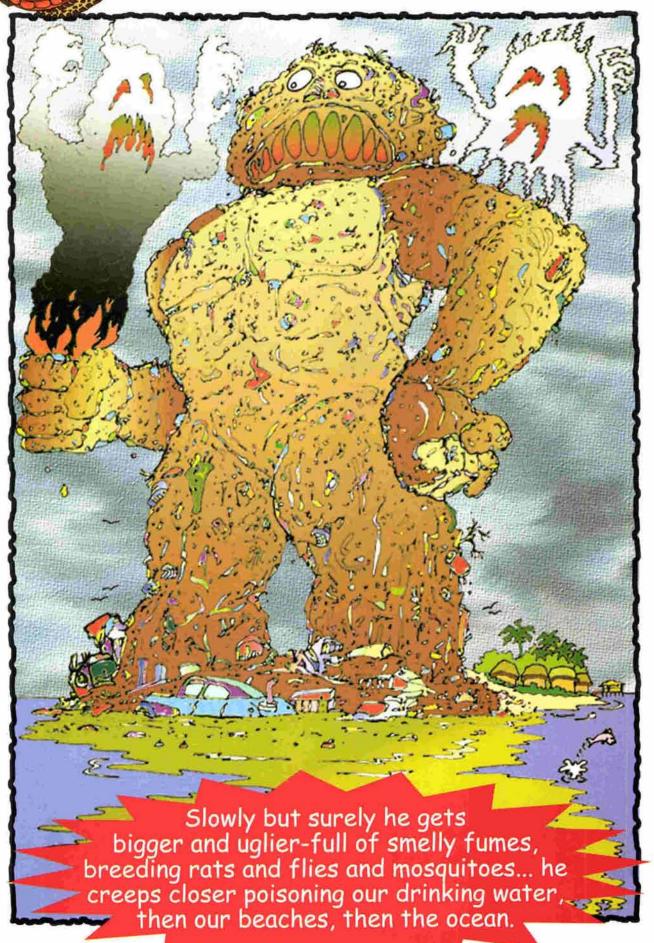
BIG BATTERIES CAN BE RECYCLED FOR THE LEAD IN THEM. LEAD IS HARMFUL TO HUMANS IF LEFT IN THE ENVIRONMENT.



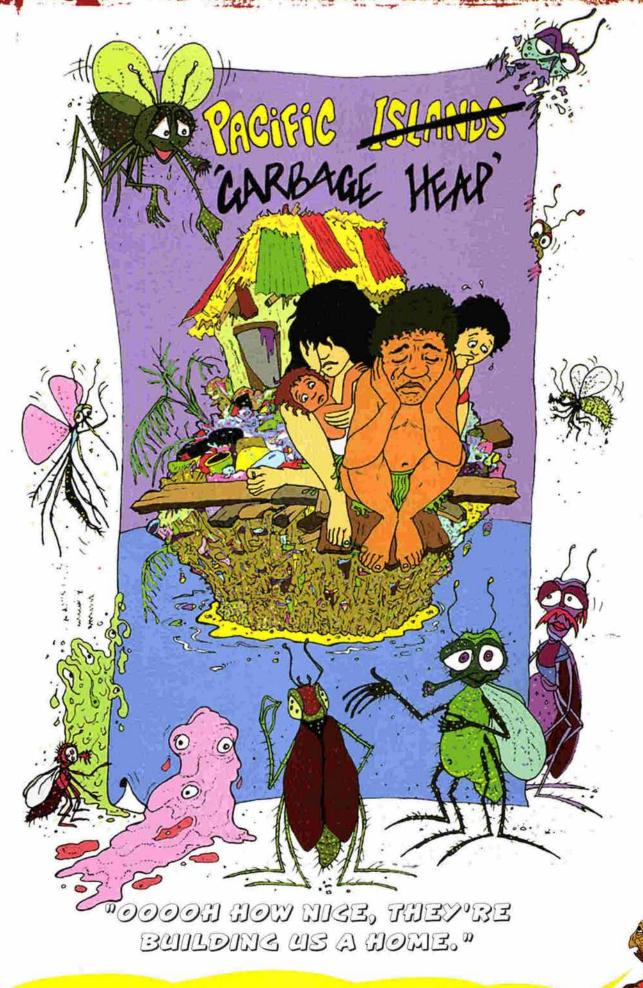
DO NOT THROW BATTERIES IN THE SEA OR CREEKS AS IT POISONS THE WATER.



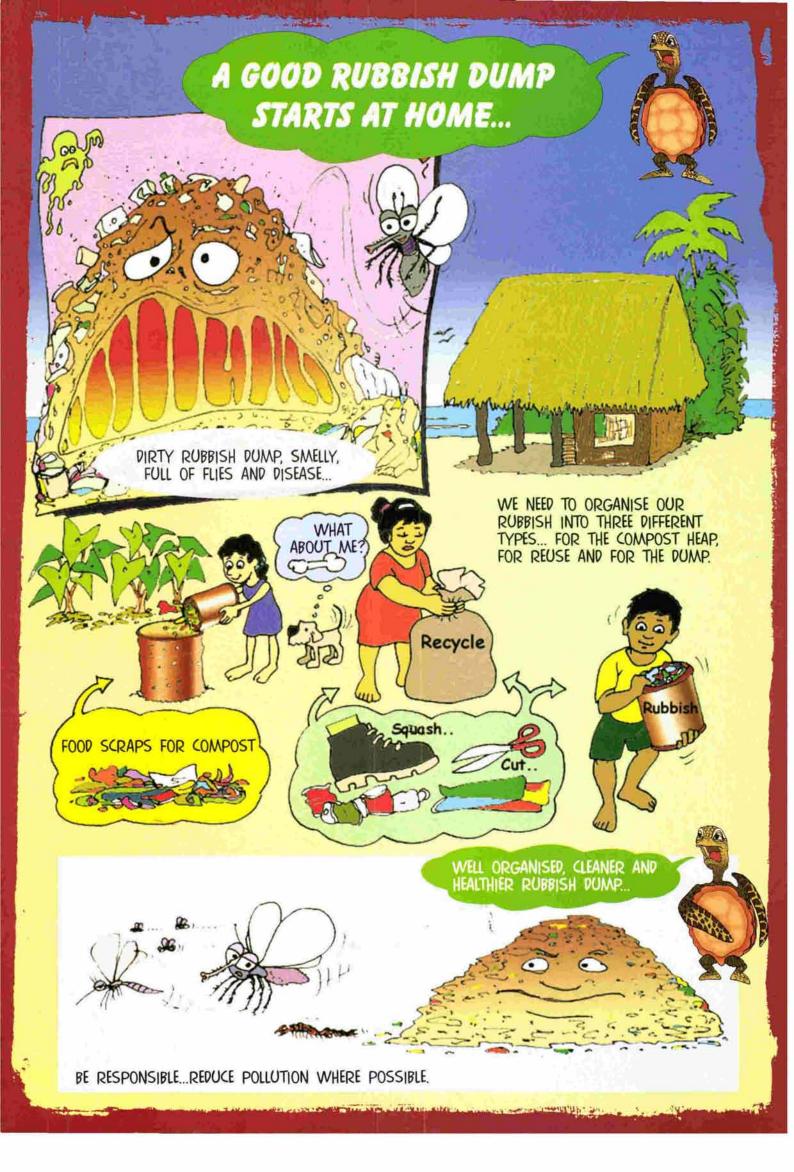
HELP US STOP THE VIRONMENT D STROYER

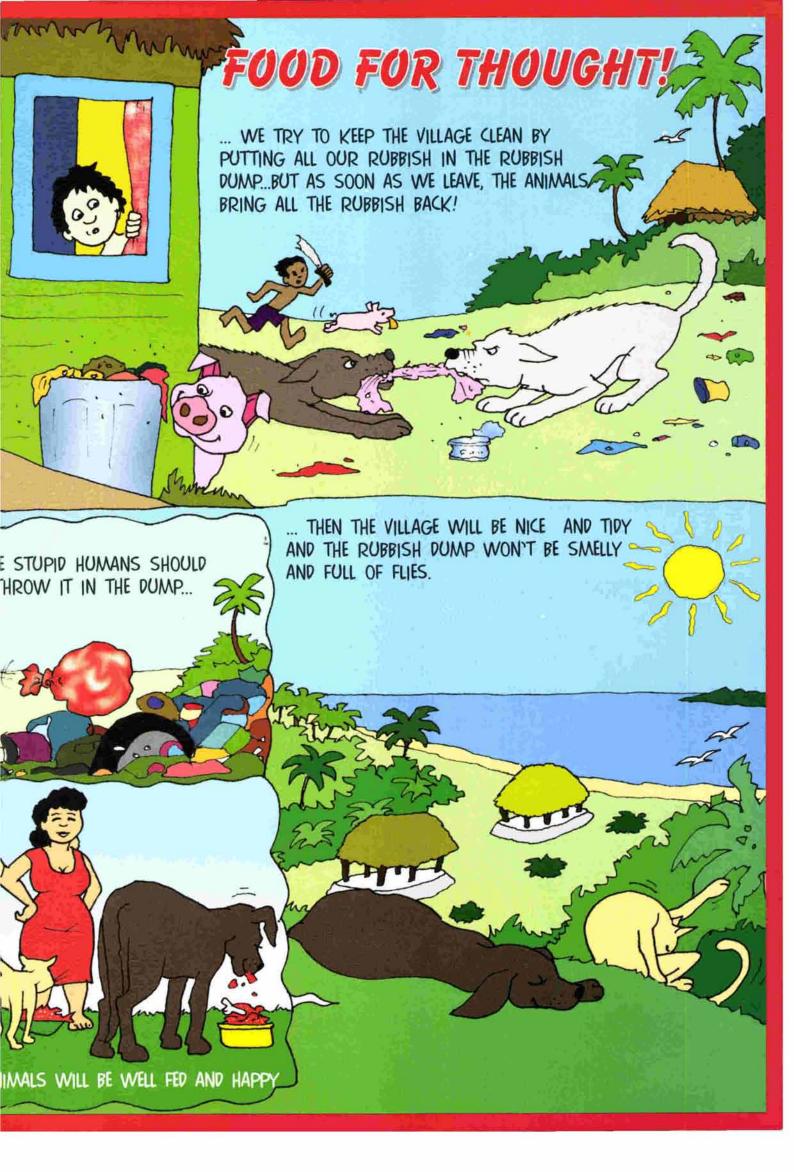






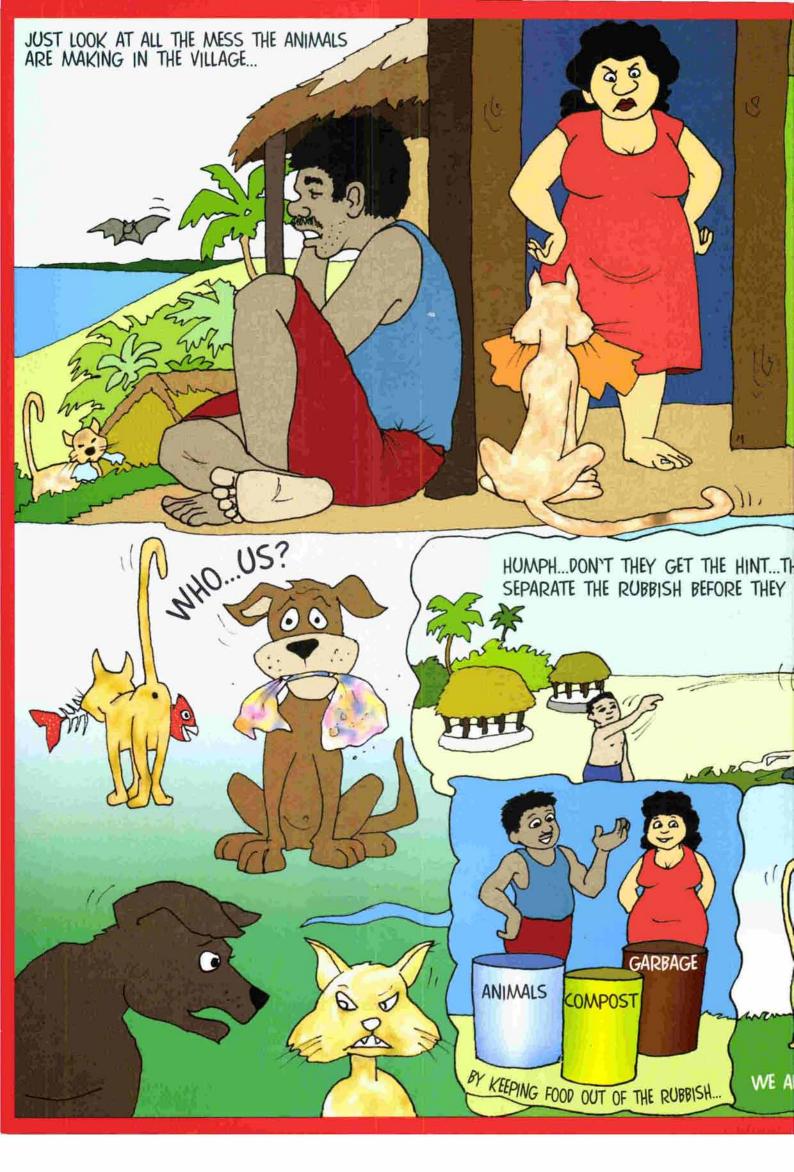
Did you know that an atoll the size of Kwajalein could be covered to a depth of ten feet with plastic bags given out to customers at pacific islands shops over the last two decades of the 20th century.







VASTE AWARENESS GAME YOUR DOG ATE IN RUBBISH DUMP. GO BACK TO 53 25 YOU RECYCLED USED ITEMS __ GO TO 36 WASTE 72 31 YOU TOOK YOUR OWN BAG FOR SHOPPING... GO TO YOUR PLASTIC BAGS CAUSE TOO MUCH RUBBISH GO BACK TO 65 YOUR FAMILY WAKES TOO MUCH RUBBISH... GO BACK TO 17 79 YOUR PLASTIC BAG KILLS A TURTLE GO BACK TO 54







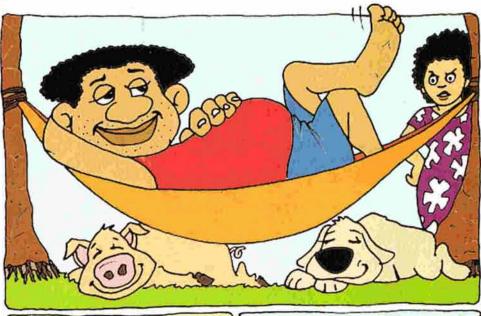
SHOPPING CAN BE BAGS OF FUN.





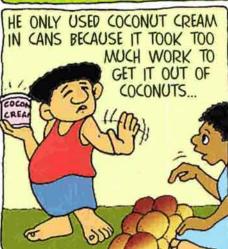


THE SAGA OF SILLY STAN



STAN WAS A SLACK ISLAND MAN, HE WAS LAZY AND FAT AND NOT ONL THAT, HE ALSO MOVED WITHOUT HASTE AND COULDN'T GIVE "A HOOT" ABOUT WASTE. IN FACT STAN'S MOTTO WAS NOT "FRESH IS BEST" BUT

"IT TASTES GRAND IF IT'S CANNED",,,,



HE ONLY BOUGHT TINNED FISH BECAUSE SCALING AND CLEANING FRESH FISH WAS JUST "YUCK"...

HE NEVER BOUGHT IN BULK, AS HE LIKED THE LITTLE PLASTIC BAGS AND FANCY LITTLE PACKAGES BECAUSE WERE WERE EASIER TO CARRY... No



EACH DAY THE WASTE PILE GREW HIGHER AND HIGHER UNTIL ONE FATEFUL DAY....







PACKAGE AND DELIVERED HIM TO THE GROUND. THE MORAL OF THIS STORY

THEY PUT SILLY STAN IN A NEW



ASK YOURSELF WHY BEFORE YOU BUY.

CAN I BUY THIS WITHOUT A PACKET?

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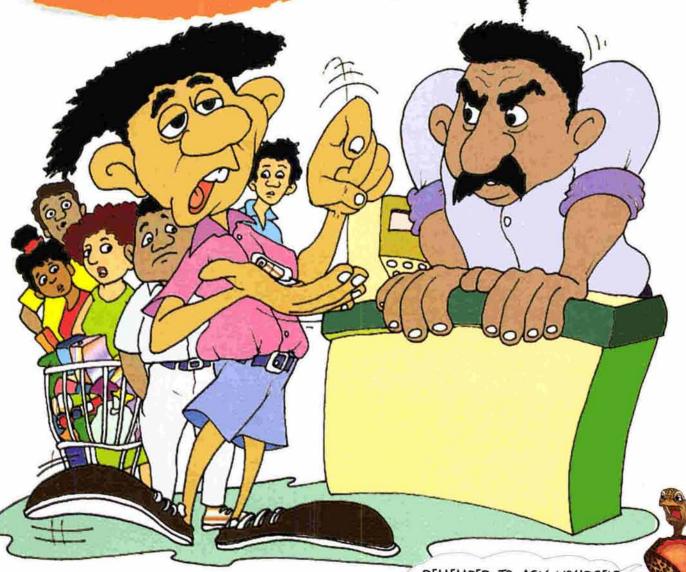
CAN I BUY THIS ELSEWHERE WITH LESS PACKAGING?

CAN WE RECYCLE THE PACKET? IF SO, CAN IT BE RECYCLED

IF I DO BUY A PACKET.
THEN I NEED TO KNOW
WHAT MATERIAL THE
PACKET IS MADE OF?

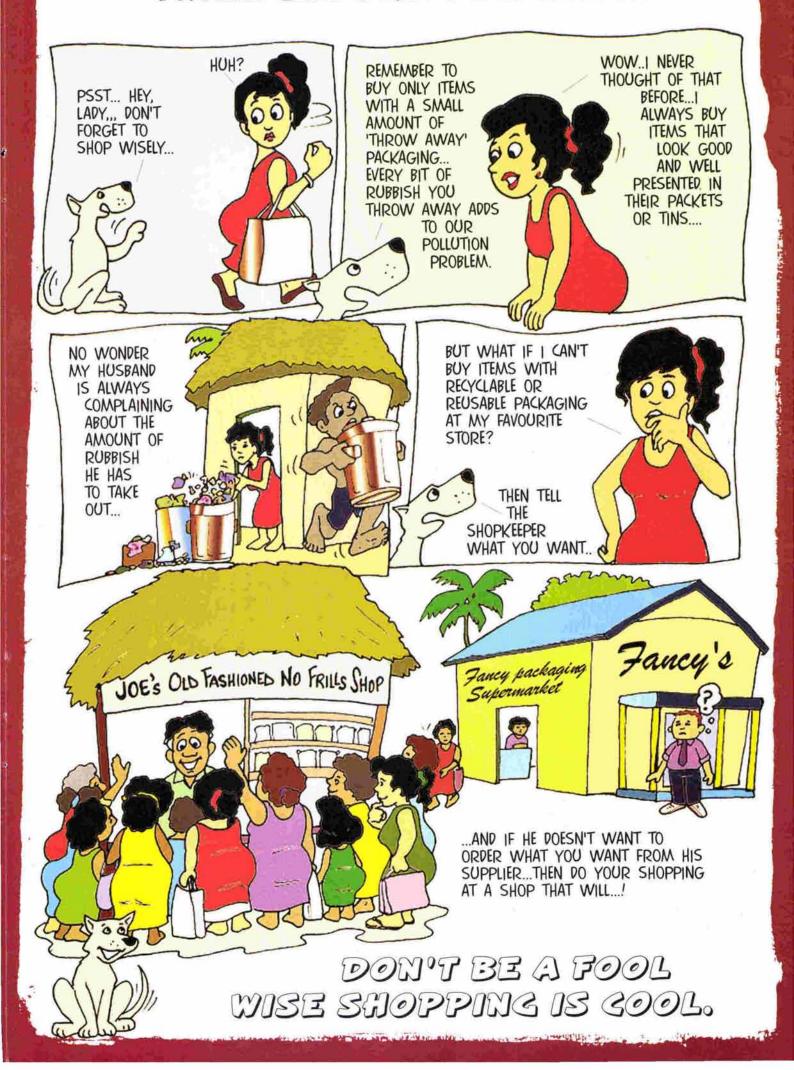
IF THE PACKET CANNOT BE REUSED OR RECYCLED WILL IT JUST BECOME RUBBISH?

GIVE ME 5 GOOD REASONS
WHY I SHOULD BUY
SOMETHING WRAPPED IN
POTENTIAL RUBBISH?

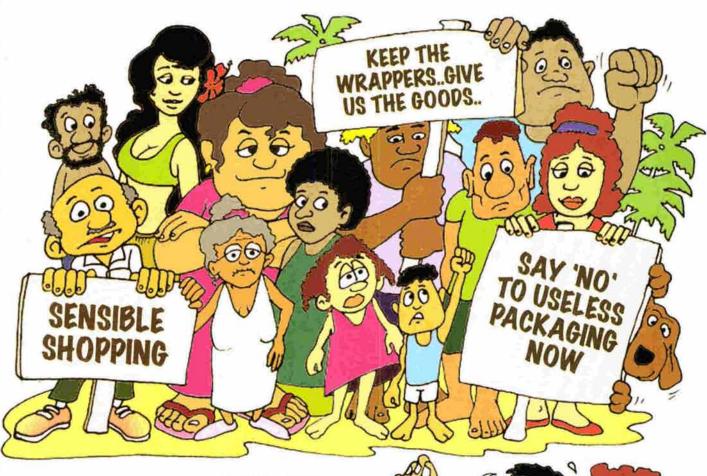


REMEMBER TO ASK YOURSELF AND NOT THE SHOPKEEPER!

THINK BEFORE YOU BUY...



USE YOUR CONSUMER POWER



TELL THE STOREKEEPER OR WHOLESALER THAT YOU WANT ONLY GOODS WITH RECYCLABLE OR REUSABLE PACKAGING...

HAVE THEM TELL THE
SUPPLIERS AND
IMPORTERS THAT WE
PACIFIC ISLANDERS
WANT ONLY GOODS
WITH MINIMAL 'THROW
AWAY' PACKAGING...!



TAKE-AWAY / THROW-AWAY

(HOW YOU BECAME AN UNAWARE POLLUTER)





ISLAND PEOPLE ONCE TOOK THEIR OWN CONTAINERS TO THEIR LOCAL RESTAURANT IF THEY WANTED TO TAKE FOOD HOME.

THEN CAME PROGRESS AND WITH IT A BUSY LIFESTYLE AND FAST FOOD RESTAURANTS.

NOW YOU BUY A 'FAST FOOD' MEAL IN A PLASTIC CONTAINER. THESE CONTAINERS ARE USUALLY NOT REUSABLE AND ARE THROWN AWAY TO ADD TO THE RUBBISH AND POLLUTION PROBLEM.

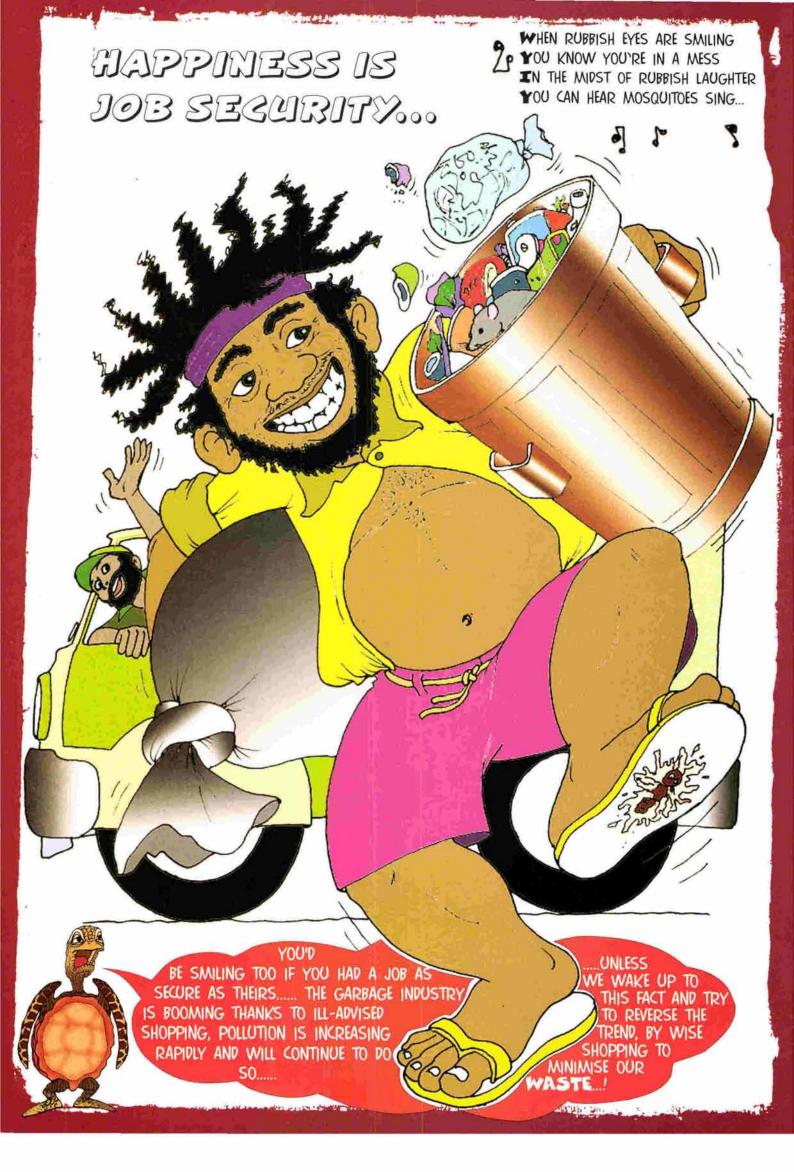


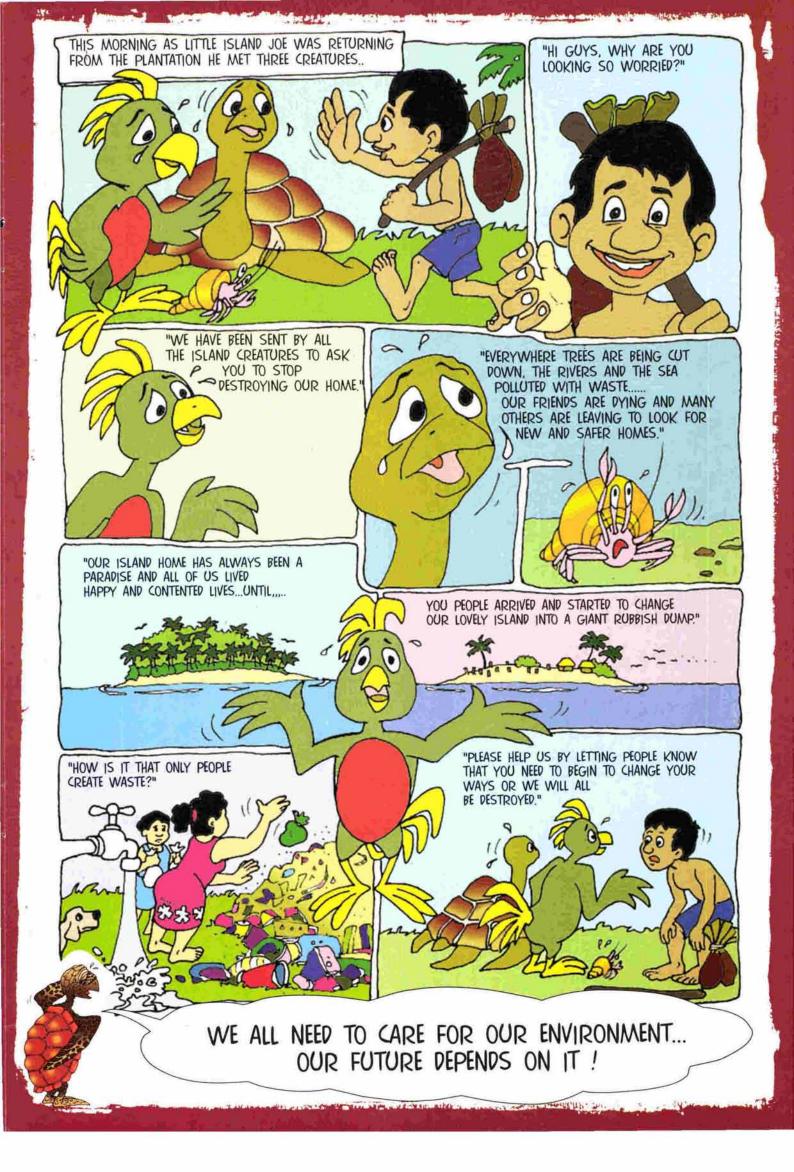


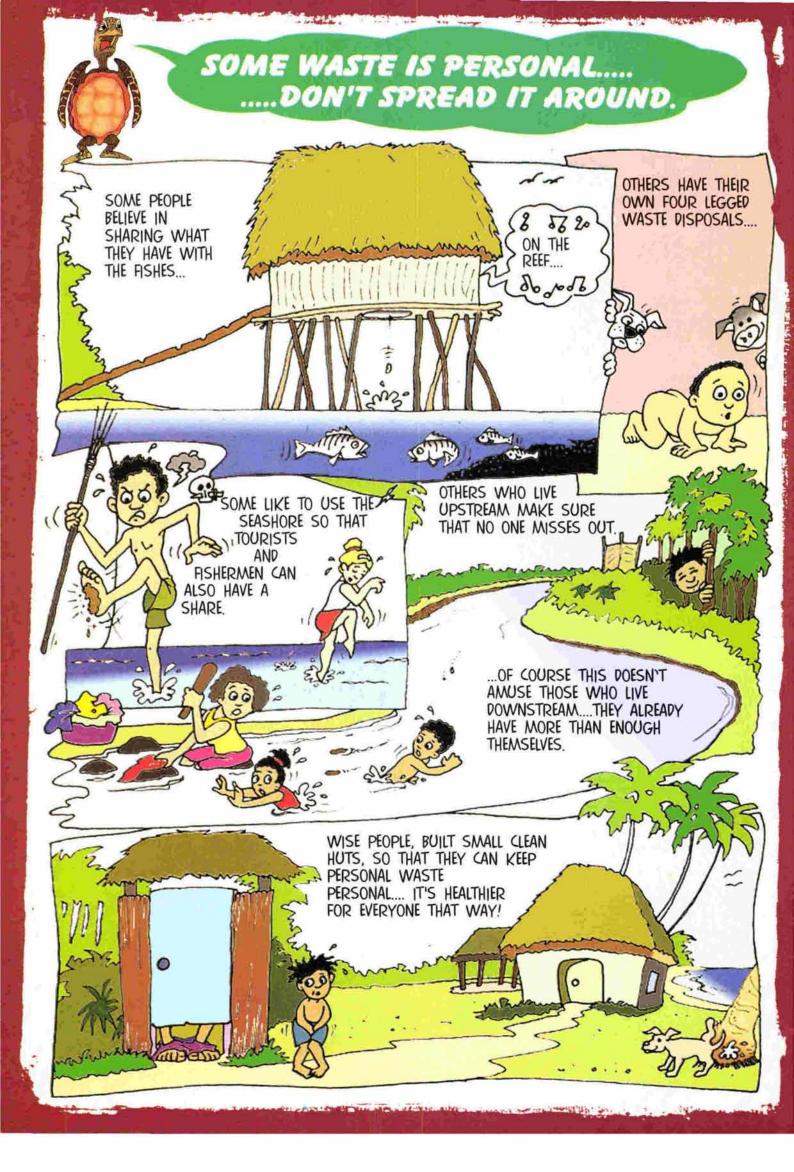
STYROFOAM AND PLASTIC ARE HARMFUL TO OUR ENVIRONMENT!

WOW...THIS MEANS THAT EVERY TIME WE BUY 'FAST FOOD' WE CONTRIBUTE TO POLLUTION!....WE LOVE THE MEALS, SO LET'S ASK THAT RESTAURANTS NOW PROVIDE ONLY....

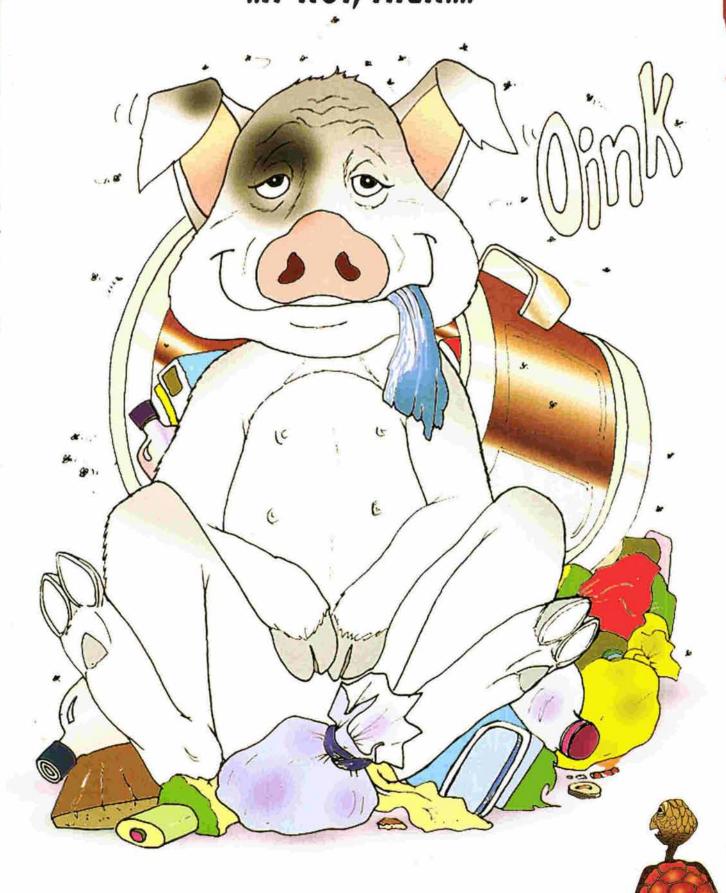
CARDBOARD CONTAINERS INSTEAD
OF THE STYROFOAM AND PLASTIC
CONTAINERS...!







THERE ARE THOSE WHO DON'T MIND RUBBISH.. ARE YOU ONE OF THEM?.... ..IF NOT, THEN....



...JOIN US IN REDUCING POLLUTION ..!

PLACE YOUR WASTES HEPP.



SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME

SPREP MEMBERS

AMERICAN SAMOA

AUSTRALIA

COOK ISLANDS

FEDERATED STATES OF MICRONESIA

FIJI

FRANCE

FRENCH POLYNESIA

GUAM

KIRIBATI

REPUBLIC OF THE MARSHALL ISLANDS

NAURU

NEW CALEDONIA

NEW ZEALAND

NIUE

NORTHERN MARIANA ISLANDS

PALAU

PAPUA NEW GUINEA

PITCAIRN

SAMOA

SOLOMON ISLANDS

TOKELAU

TONGA

TUVALU

UNITED STATES OF AMERICA

VANUATU

WALLIS AND FUTUNA

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