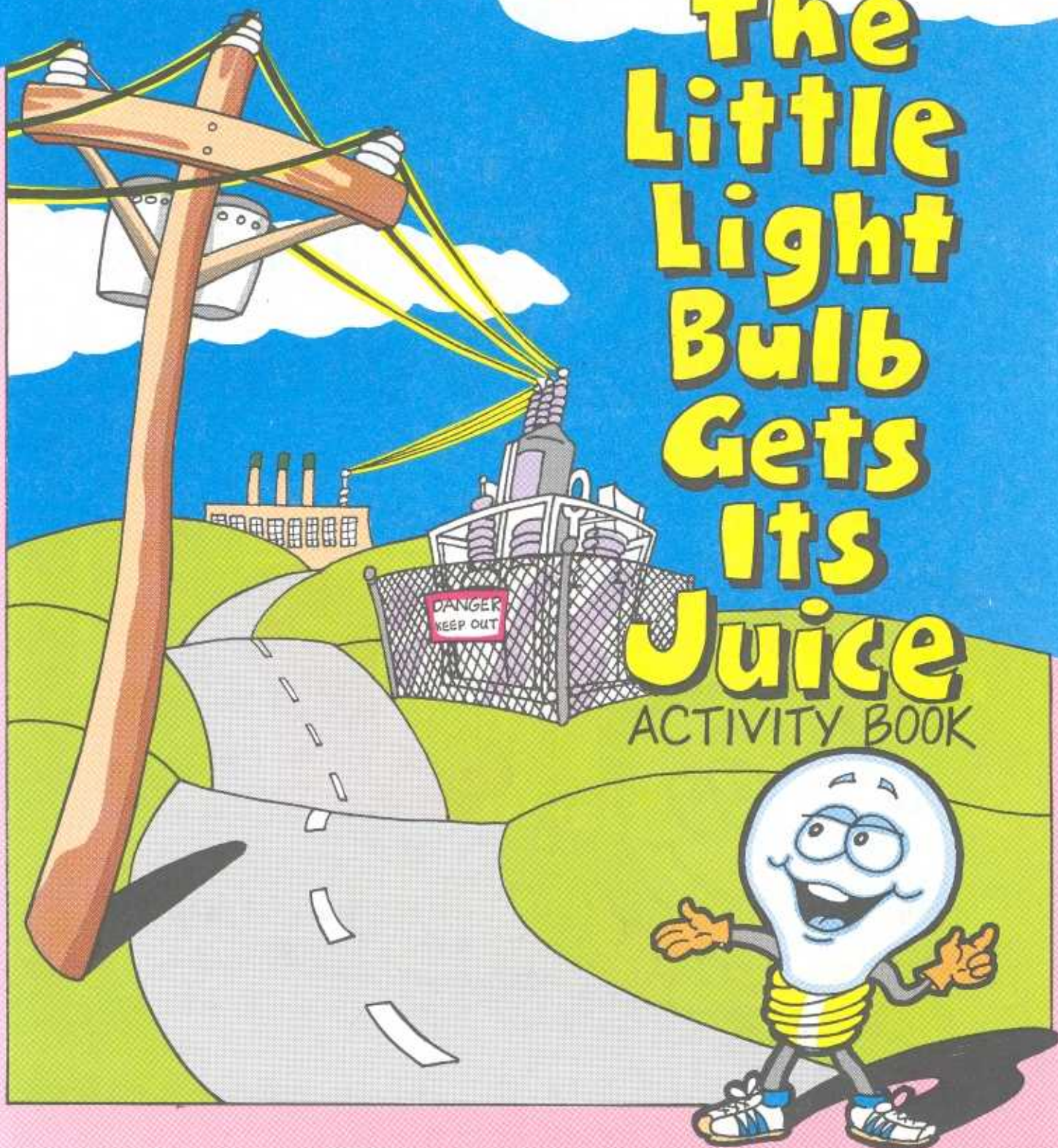
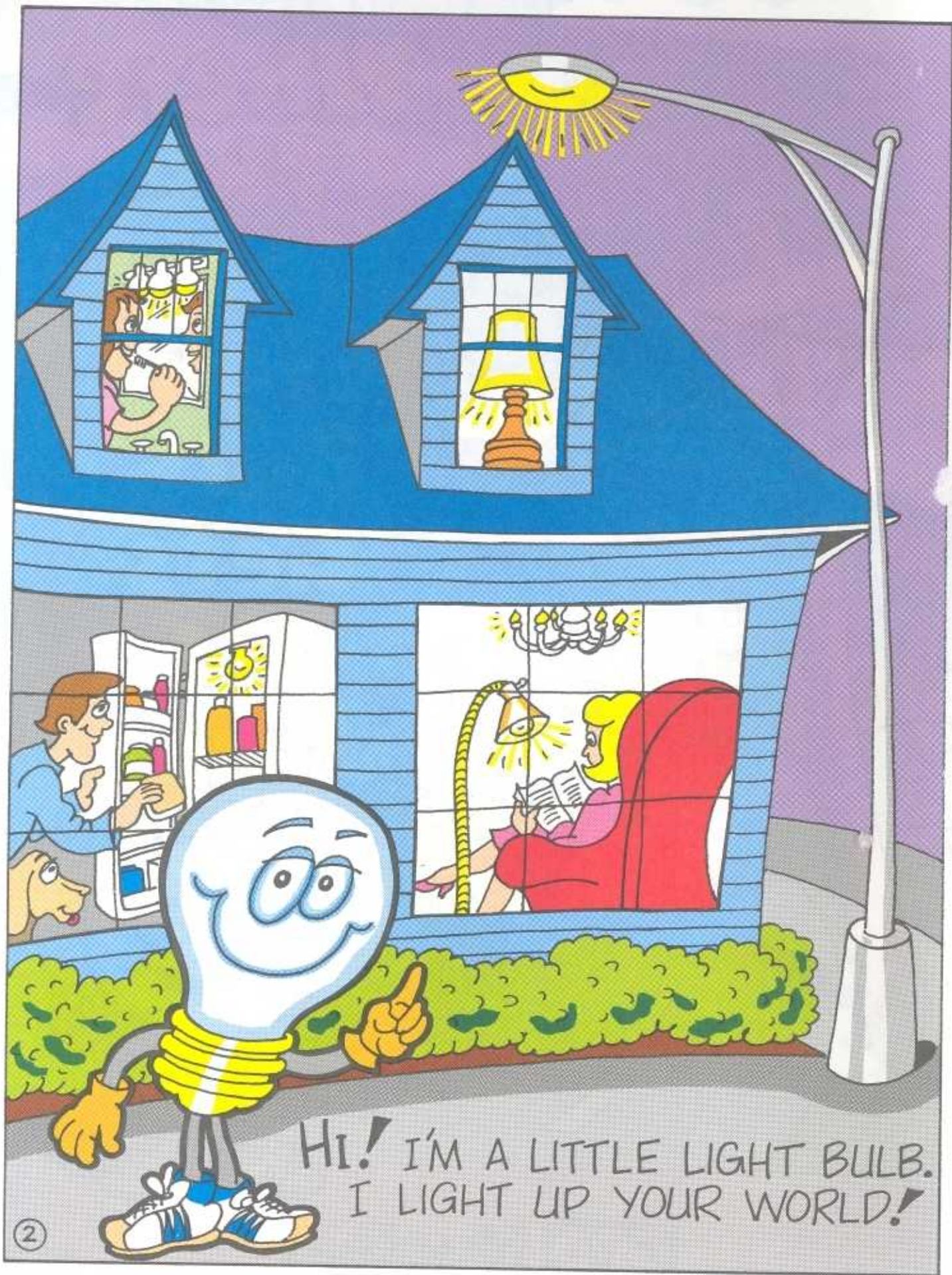


Where The Little Light Bulb Gets Its Juice

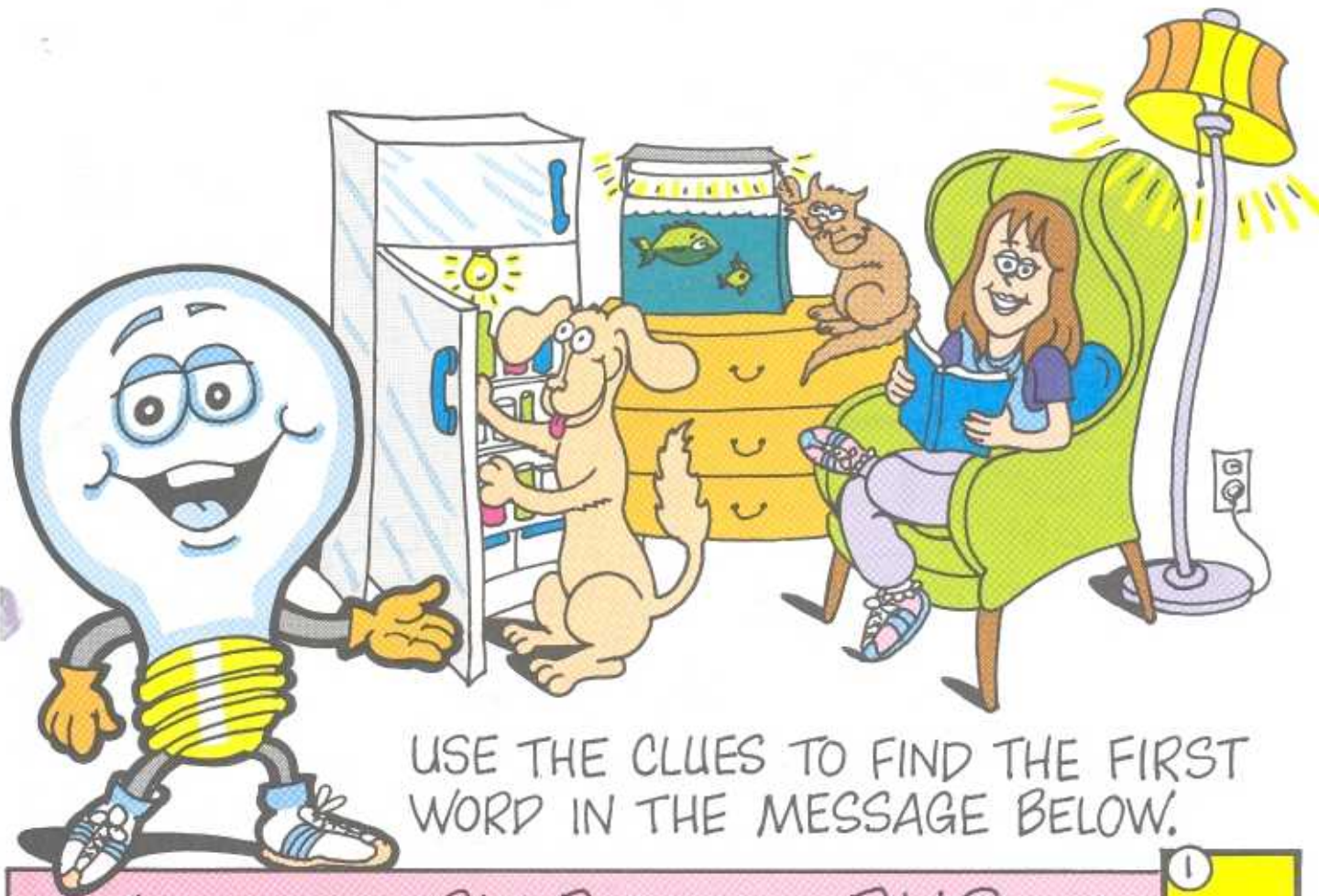
ACTIVITY BOOK



GPU Nuclear



Hi! I'M A LITTLE LIGHT BULB.
I LIGHT UP YOUR WORLD!



USE THE CLUES TO FIND THE FIRST WORD IN THE MESSAGE BELOW.

THE 1ST LETTER IS IN BULB, BUT NOT IN BUS →

THE 2ND LETTER IS IN SIT, BUT NOT IN SAT →

THE 3RD LETTER IS IN GLOW, BUT NOT IN OWL →

THE 4TH LETTER IS IN SHINE, BUT NOT IN SPINE →

THE 5TH LETTER IS IN KITE, BUT NOT IN CHICKEN →

1	
2	
3	
4	
5	

--	--	--	--	--

① ② ③ ④ ⑤

**BULBS HELP US IN
MANY WAYS!**

③

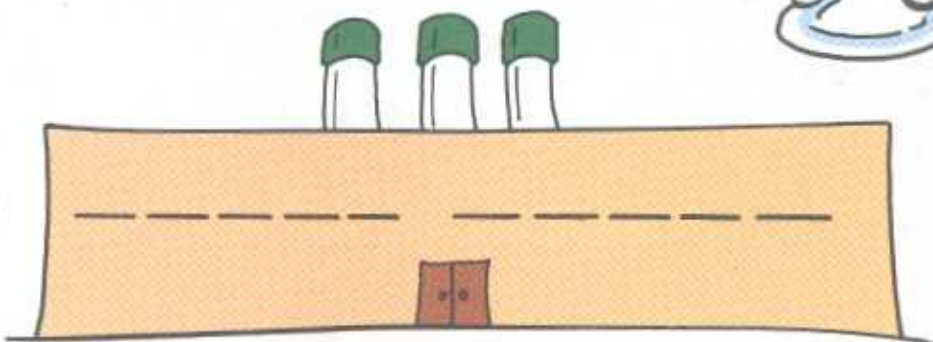


USING THE WORDS IN
THE LIGHT BULB COMPLETE
THE SENTENCES BELOW.

1. I AM A _____ FOR
A LIGHT BULB.



2. IN A _____



ELECTRICITY IS MADE.

3. ELECTRICITY GETS TO OUR HOMES
THROUGH _____



4. I TRAVEL THROUGH WIRES. I AM _____



HIDDEN MESSAGE

HOW DOES ELECTRICITY GET FROM THE GENERATING PLANT TO STORES AND OUR HOMES?



CROSS OUT EVERY OTHER LETTER STARTING WITH THE LETTER "S" IN THE FIRST ROW ACROSS!



E	\$	L	¢	E	T	C	O	T	V
R	Q	I	R	C	W	I	S	T	P
Y	T	T	V	R	O	A	R	V	B
E	Y	L	T	S	Y	I	I	N	S
W	F	I	C	R	R	E	T	S	P

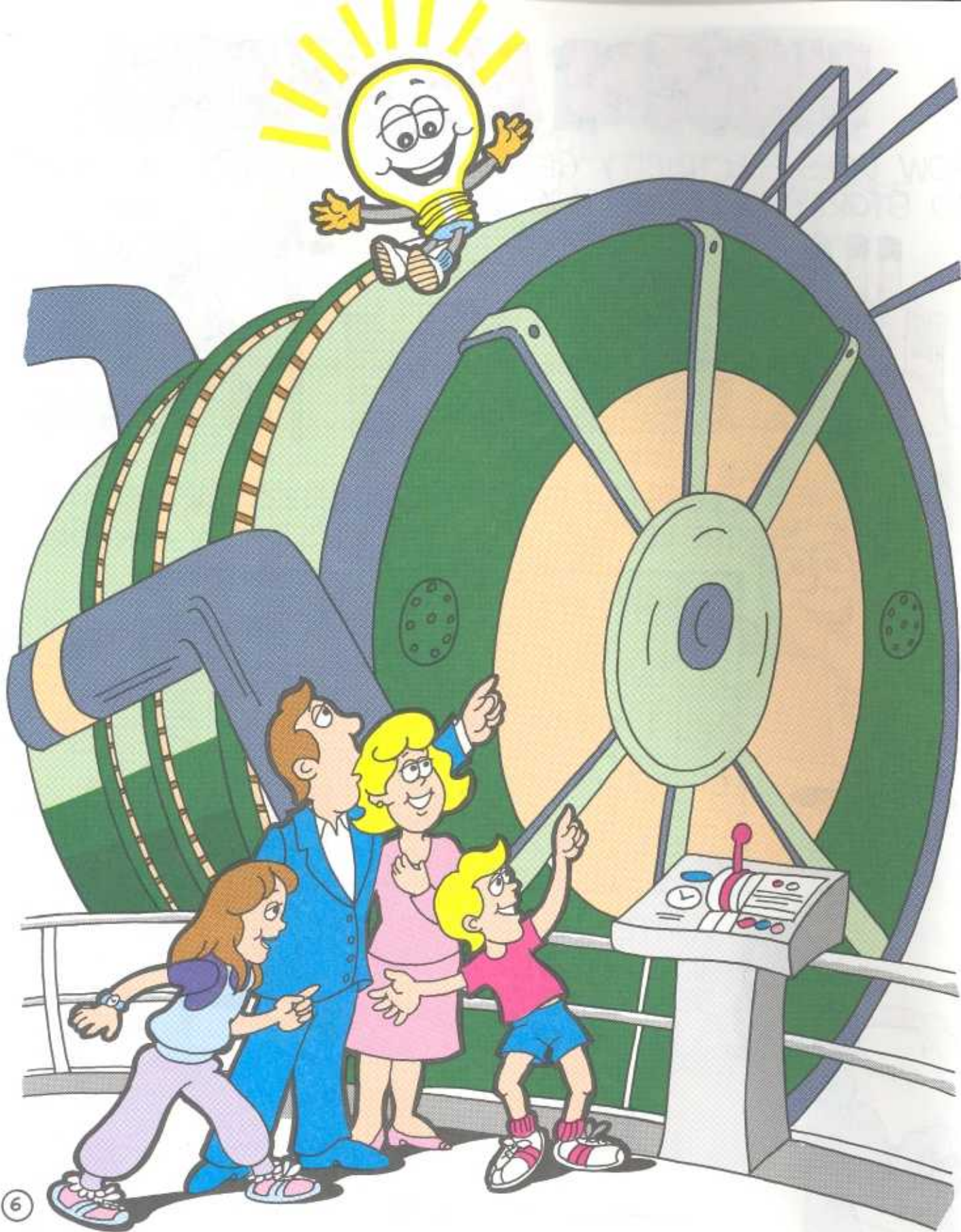


WRITE THE LETTERS THAT ARE LEFT OVER ON THESE BLANKS TO READ THE MESSAGE!



E



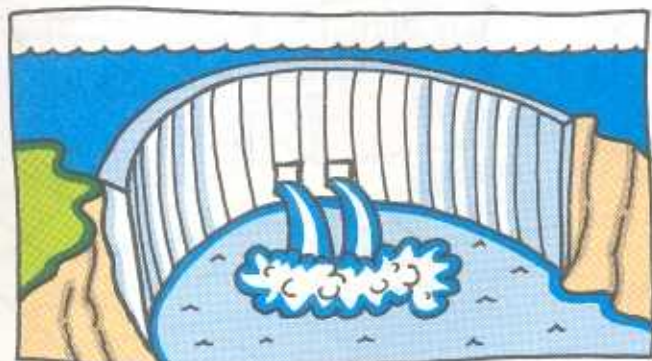


6

THE ELECTRICITY IN YOUR HOME COMES FROM ONE OF THE GIANT TURBINE GENERATORS AT A POWER PLANT.

MAKING ELECTRICITY

UNSCRAMBLE THE WORDS BELOW EACH PICTURE & FILL-IN THE BLANKS.



TREWA

THE GENERATORS THAT PRODUCE POWER ARE TURNED BY _____ AND _____.



ETASM



OLCA

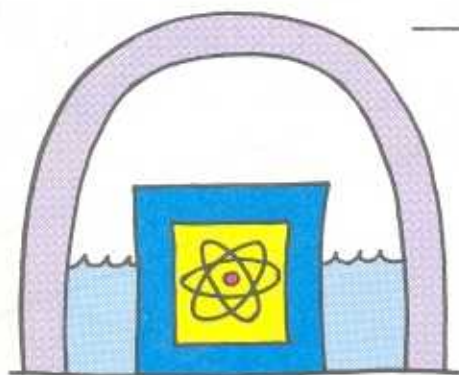


OLI



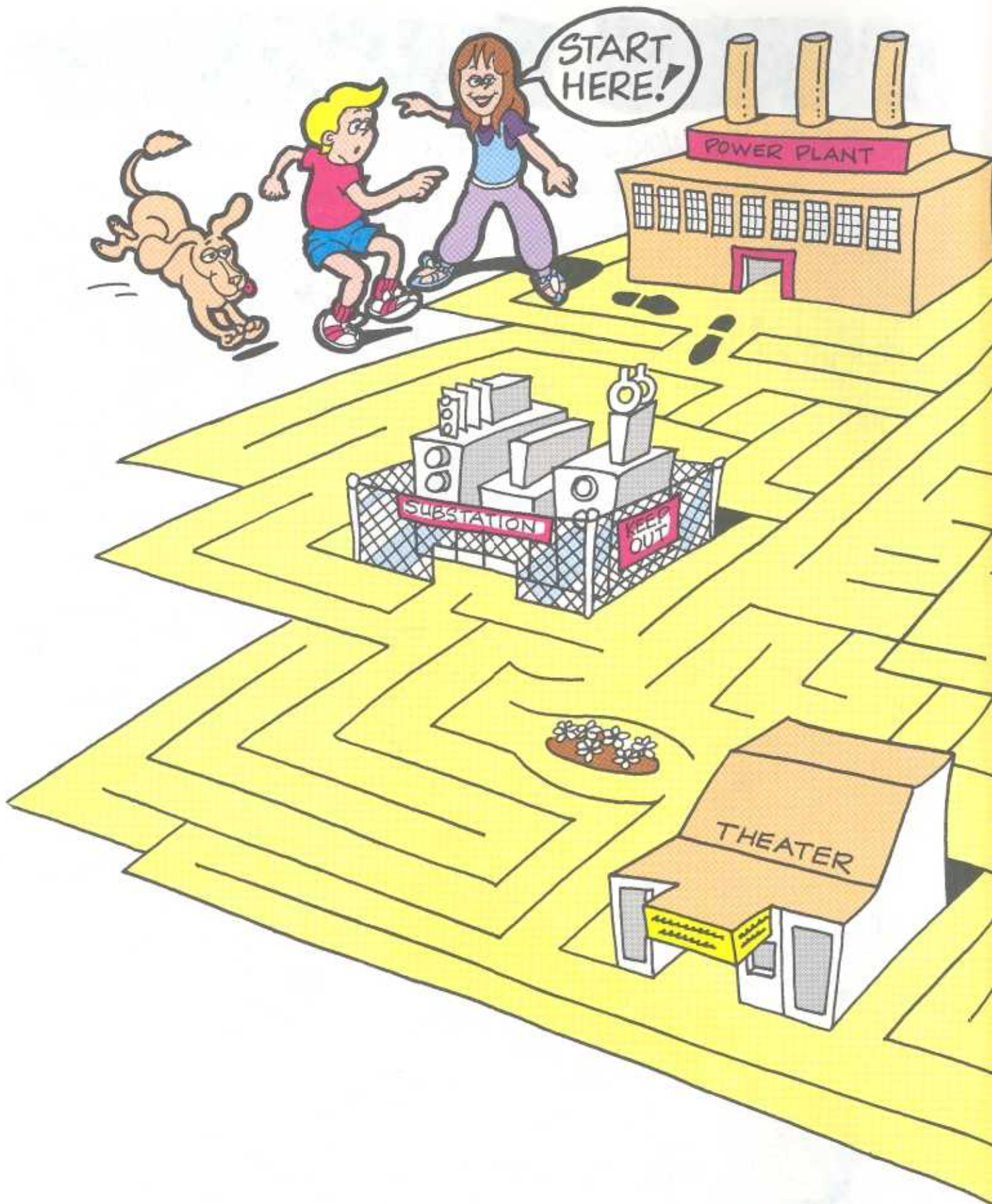
NATURAL SAG

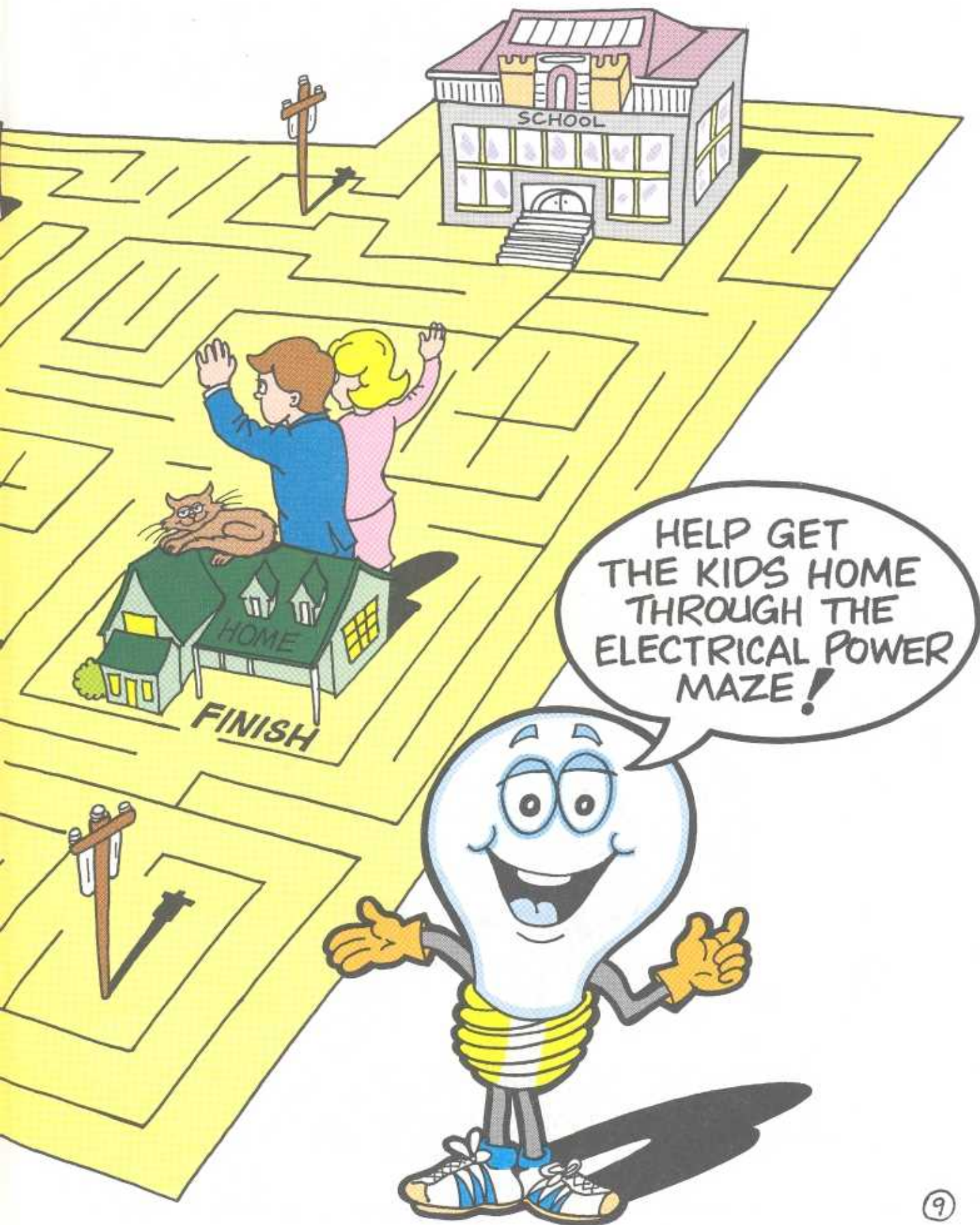
TO HEAT WATER TO MAKE STEAM WE BURN _____,
_____ AND NATURAL _____.



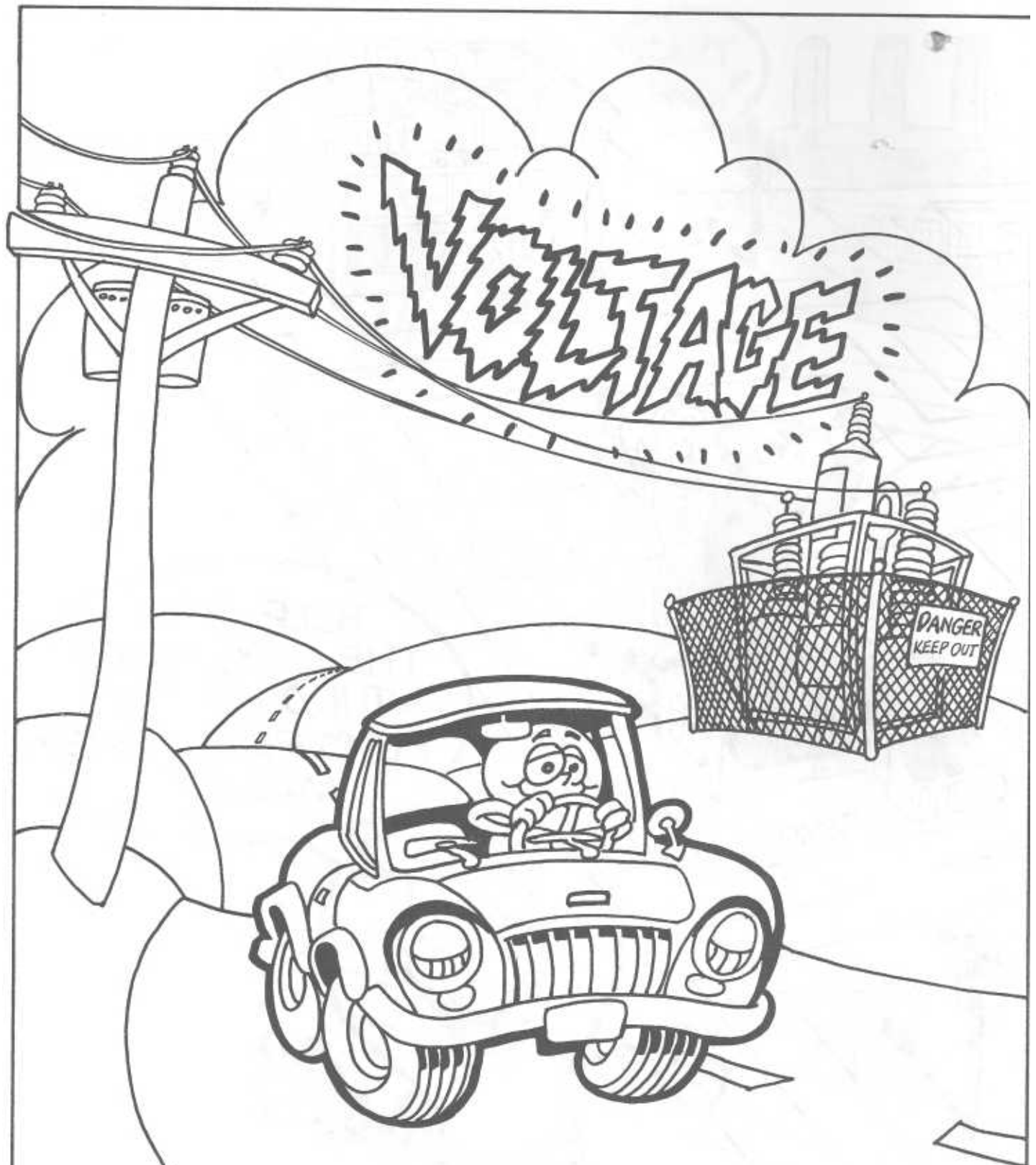
SOMAT

IN A NUCLEAR POWER PLANT WE
USE HEAT MADE BY SPLITTING ⑦
_____ TO MAKE STEAM.



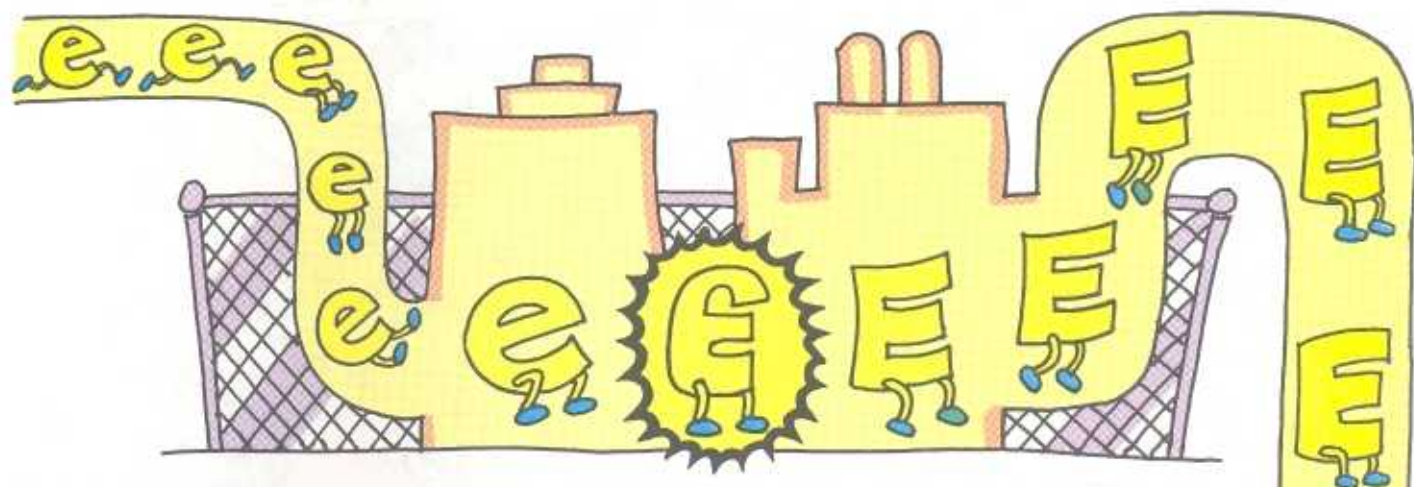


HELP GET
THE KIDS HOME
THROUGH THE
ELECTRICAL POWER
MAZE!



VOLTAGE IS THE FORCE THAT
PUSHES ELECTRICITY THROUGH WIRES.

TRANSFORMERS!



ELECTRICITY GETS A BOOST IN A TRANSFORMER FOR ITS TRIP TO YOUR HOME.



WHEN IT GETS NEAR YOUR HOME ELECTRICITY GETS REDUCED IN A TRANSFORMER SO YOU CAN USE IT.



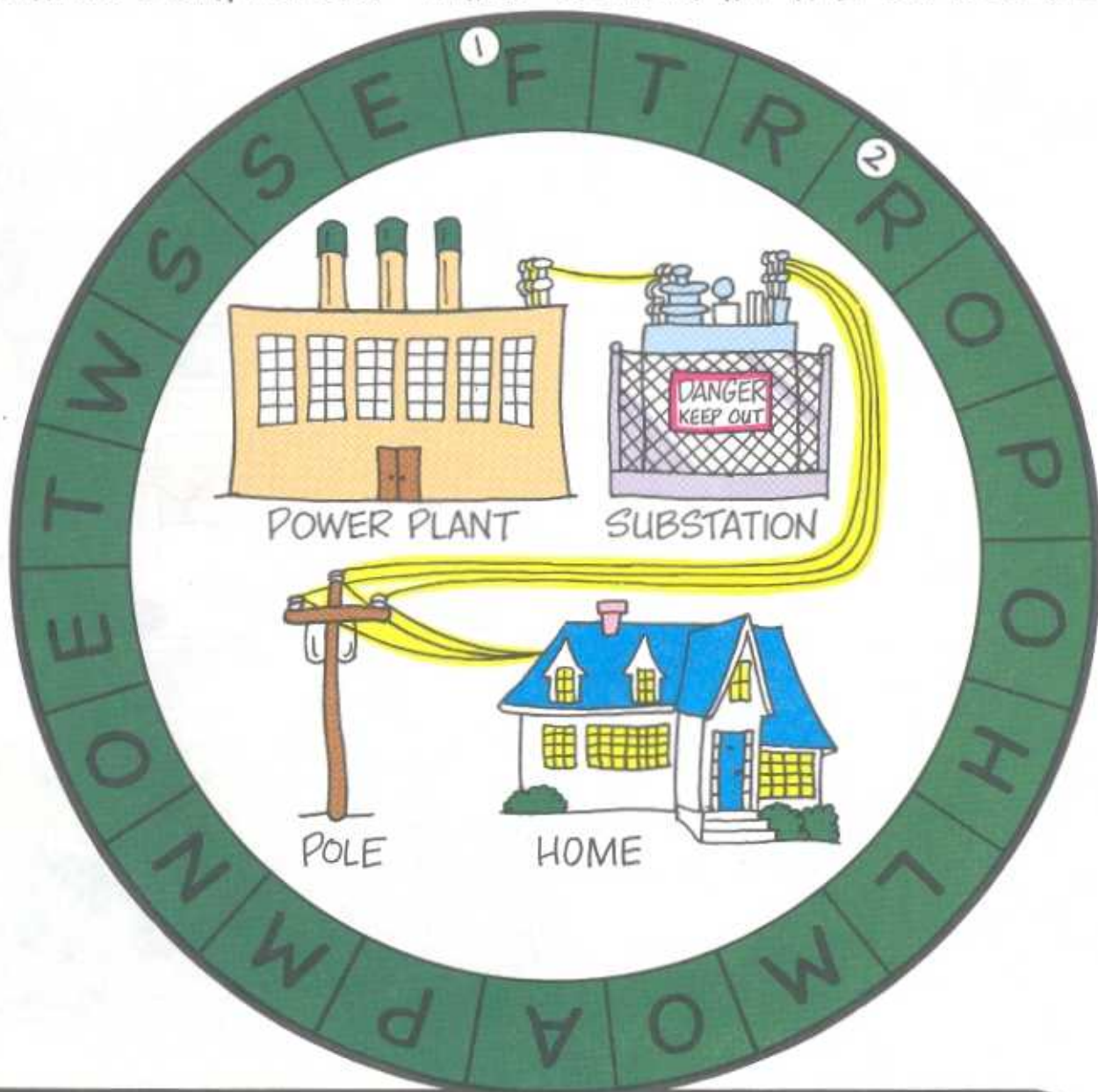
DIRECTIONS: FILL-IN THE SPACES USING THE UNDERLINED WORDS IN THE LITTLE STORY.



HINT: COUNT THE LETTERS IN WORDS. COUNT THE BOXES. FILL IN WHERE THEY MATCH.

THE LIGHT BULB GETS ITS JUICE FROM ELECTRICITY. A HUGE GENERATOR PRODUCES THE ELECTRICITY FOR THE LIGHT BULB IN A POWER PLANT. TRANSFORMERS RAISE OR LOWER VOLTAGE. VOLTAGE IS THE FORCE THAT PUSHES ELECTRICITY THROUGH THE WIRES TO SCHOOLS, FACTORIES AND YOUR HOME.

TO FIND THE SECRET MESSAGE START WITH THE LETTER "F" AND GO CLOCKWISE AROUND THE CIRCLE WRITING DOWN EVERY THIRD LETTER IN THE SPACES BELOW.



E	L	E	C	T	R	I	C	I	T	Y
T	R	A	V	E	L	S		¹ F	² R	



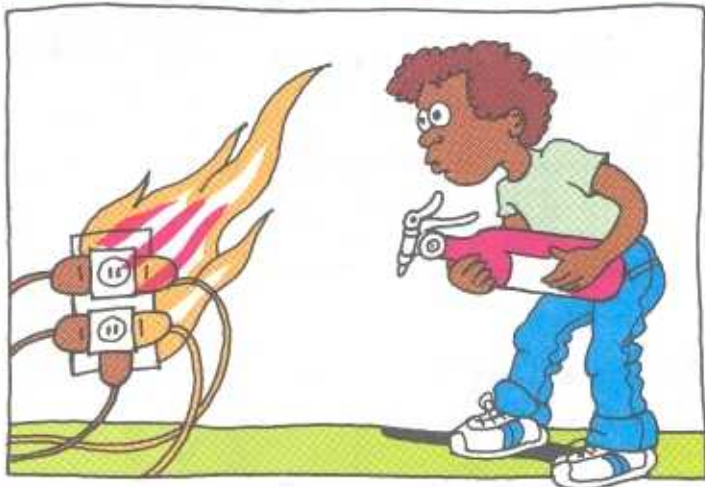
ELECTRICITY IS A USEFUL
FRIEND BUT IT CAN BE
DANGEROUS... SO
BE CAREFUL!

DRAW A LINE FROM EACH ELECTRICAL
SAFETY RULE TO THE CORRECT PICTURE.

USE A FIRE
EXTINGUISHER
MADE FOR ELEC-
TRICAL FIRES--
NOT WATER!

WATER AND
ELECTRICITY
DON'T MIX!

FLY KITES OR
MODEL AIRPLANES
AWAY FROM
POWER LINES!



YOU CAN HELP

BY CONSERVING
ELECTRICITY AND ALL
FORMS OF ENERGY!

SHUT THE
REFRIGERATOR
TO KEEP IN COLD.



CLOSE WINDOWS
TO KEEP WARM IN
WINTER AND COOL
IN SUMMER.



TURN OFF
THE TV
WHEN NO ONE
IS WATCHING.

TURN OFF
LIGHTS WHEN
YOU LEAVE
THE ROOM.

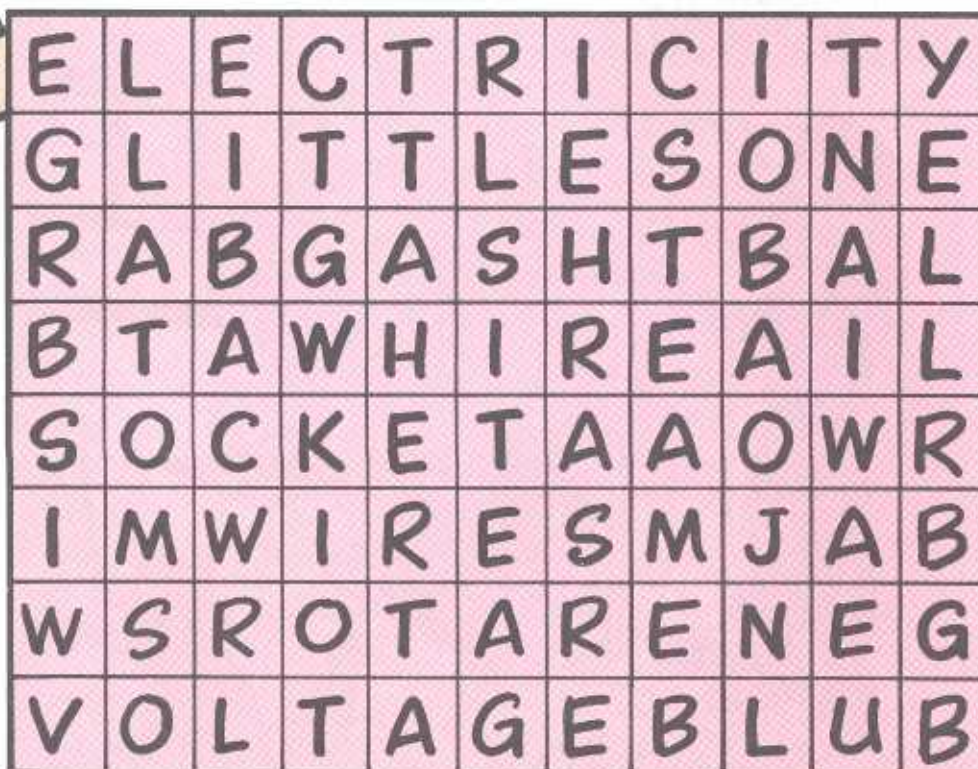


TO **CONSERVE** MEANS TO SAVE!
USE ENERGY WISELY!

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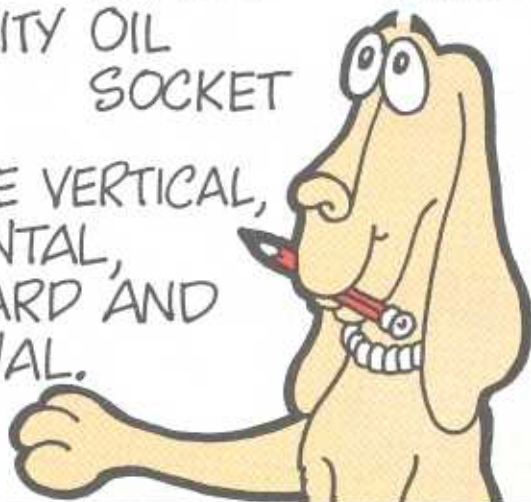
WORD SEARCH



CAN YOU FIND
THESE THIRTEEN
WORDS HIDDEN
IN THE WORD SEARCH?

ATOMS	GENERATOR	STEAM
BULB	LIGHT	VOLTAGE
COAL	LITTLE	WIRES
ELECTRICITY	OIL	
GAS	SOCKET	

THEY ARE VERTICAL,
HORIZONTAL,
BACKWARD AND
DIAGONAL.



SOLUTIONS TO ACTIVITY PAGES

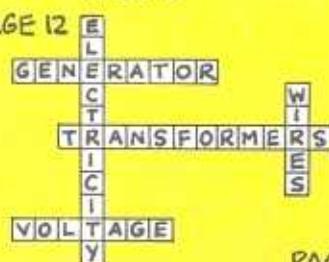
PAGE 3: **LIGHT**

PAGE 4: 1. SOCKET, 2. POWER PLANT,
3. WIRES, 4. ELECTRICITY

PAGE 5: ELECTRICITY TRAVELS IN WIRES.

PAGE 7: WATER AND STEAM
COAL, OIL AND NATURAL GAS
ATOMS

PAGE 12



PAGE 16:

PAGE 13: ELECTRICITY
TRAVELS FROM
POWER PLANTS
TO HOMES.

PAGE 14:

