

4 IN 1

AEROSPACE

ACTIVITY BOOKLET ONE



COLOR,
READ,
AND LEARN....



1987

Published by

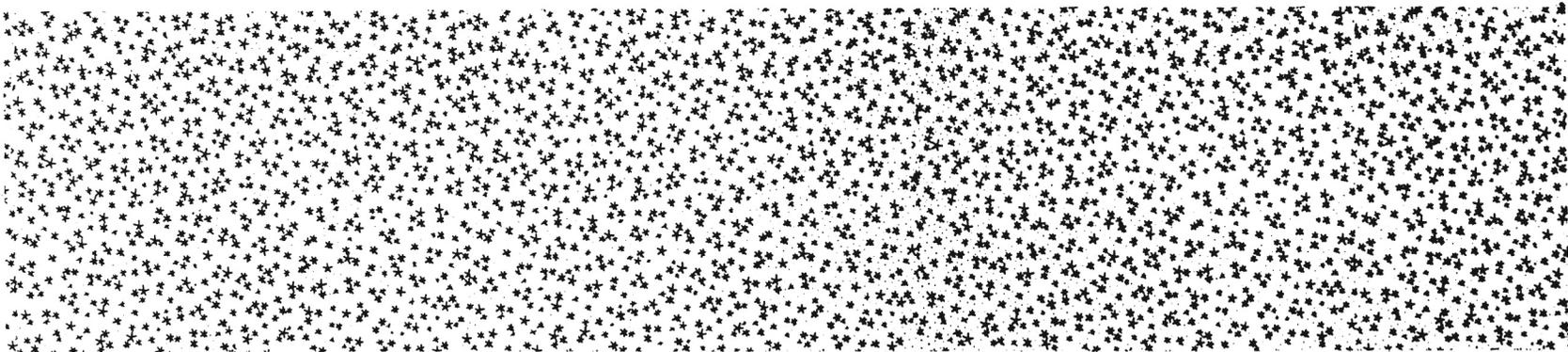
**NATIONAL HEADQUARTERS
CIVIL AIR PATROL
MAXWELL AFB, ALABAMA**

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This activity booklet has been designed by professional teachers to make learning about aviation and space concepts fun. Most primary students (grades K-3) love to color and are interested in aerospace, but they do not like to read.

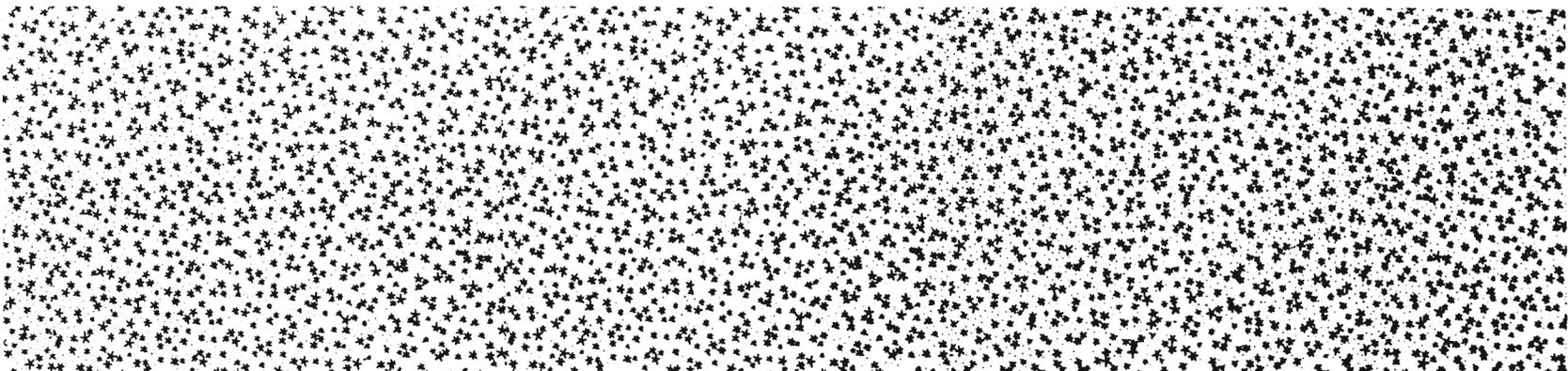
This booklet allows the students to involve themselves in an activity they enjoy while it leads them through a reading and learning experience. The activities at the end of the booklet will arouse the students' curiosity about aerospace events.

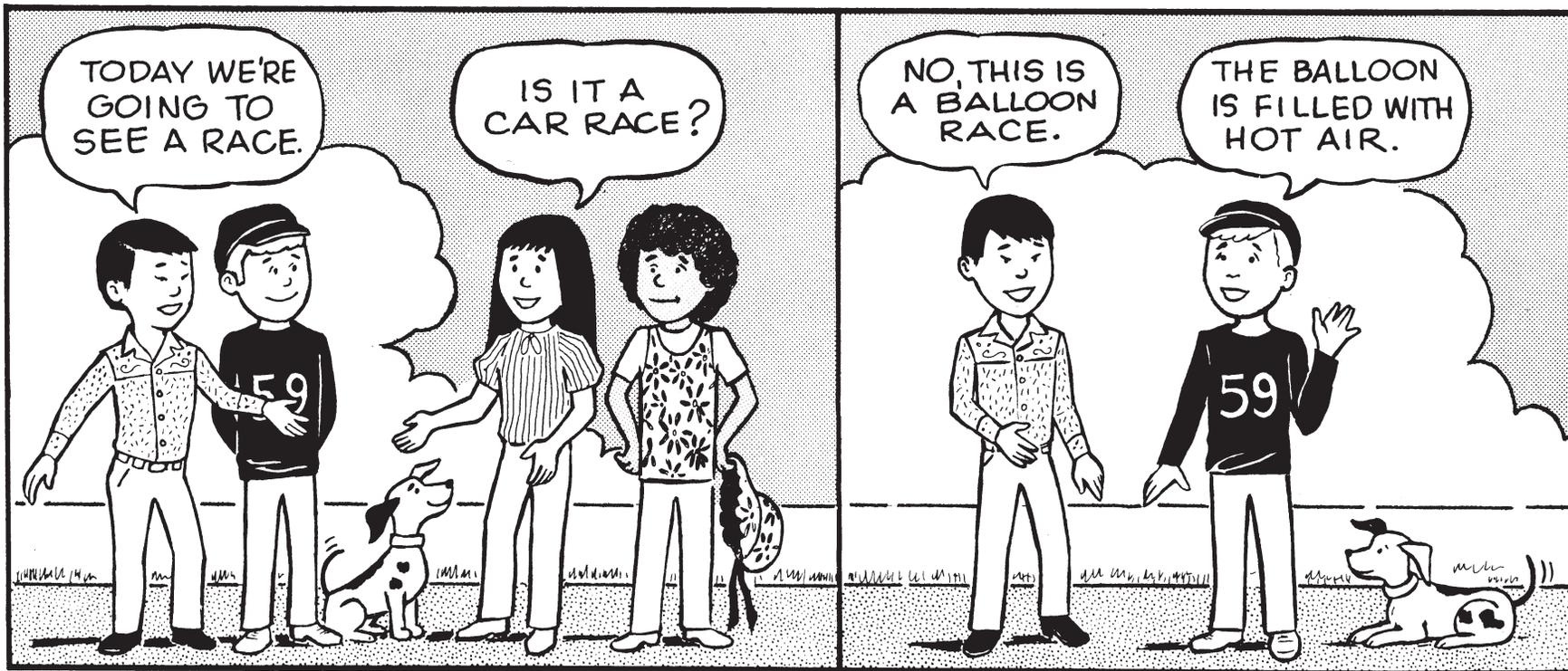
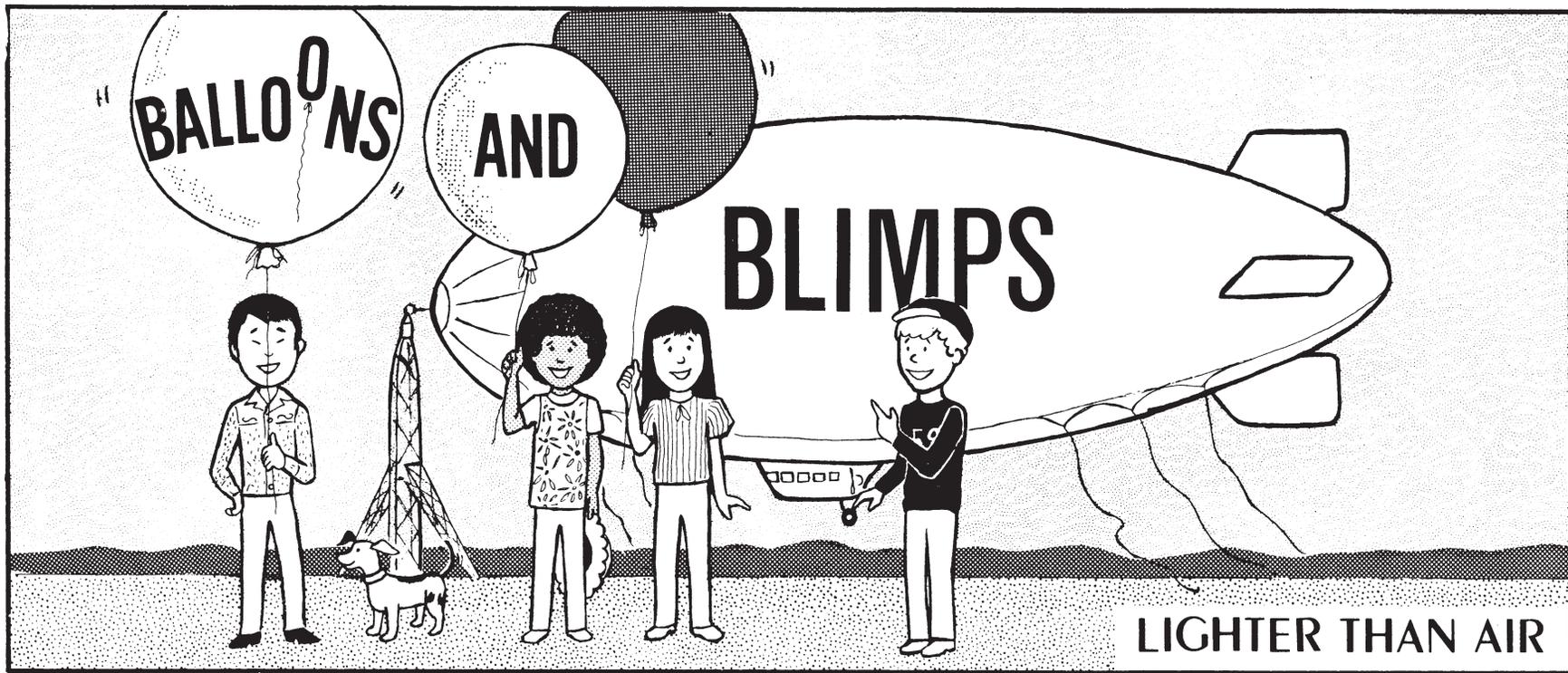
Colored pencils, felt-tip markers, or crayons may be used for coloring. The tones (lines) on the pictures, when colored, will show through and give a realistic

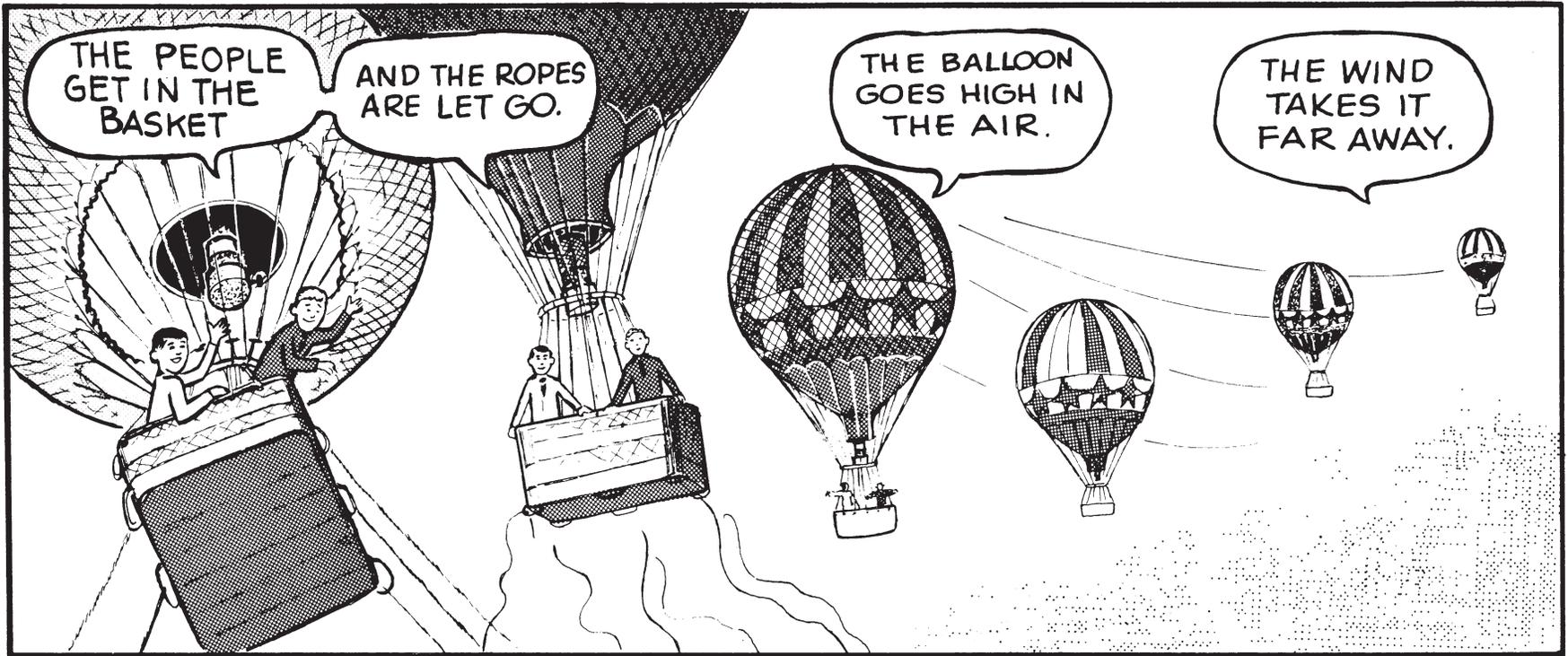
look to the pictures. This was a technique used by the old masters to get a three-dimensional effect in their paintings.

TITLES

BALLOONS AND BLIMPS	2
HOLD ON!	6
LOOK UP IN THE SKY	10
WHAT'S IT DOING TODAY?	14







THE PEOPLE GET IN THE BASKET

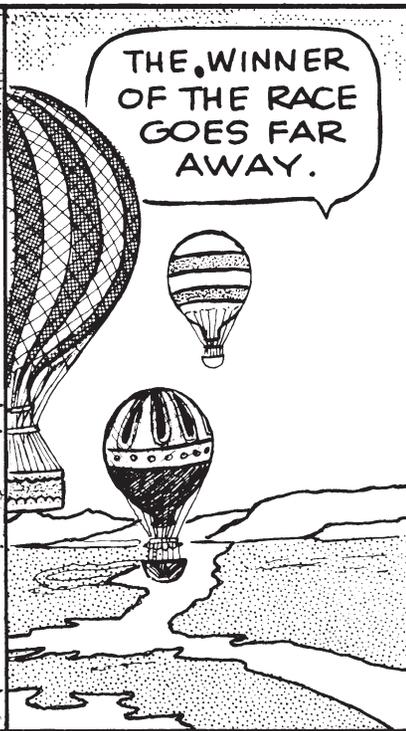
AND THE ROPES ARE LET GO.

THE BALLOON GOES HIGH IN THE AIR.

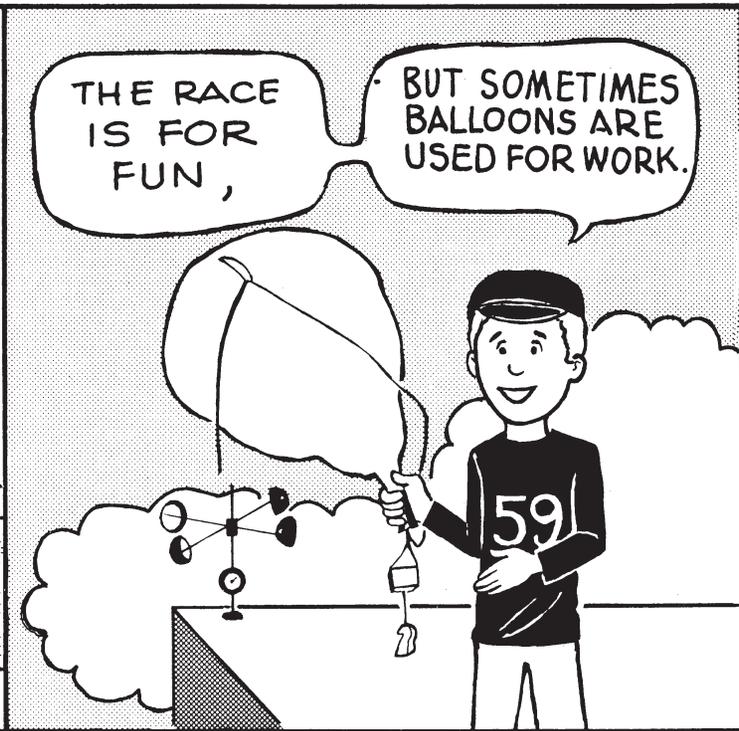
THE WIND TAKES IT FAR AWAY.



WHEN THE AIR INSIDE GETS COLD, THE BALLOON COMES DOWN.

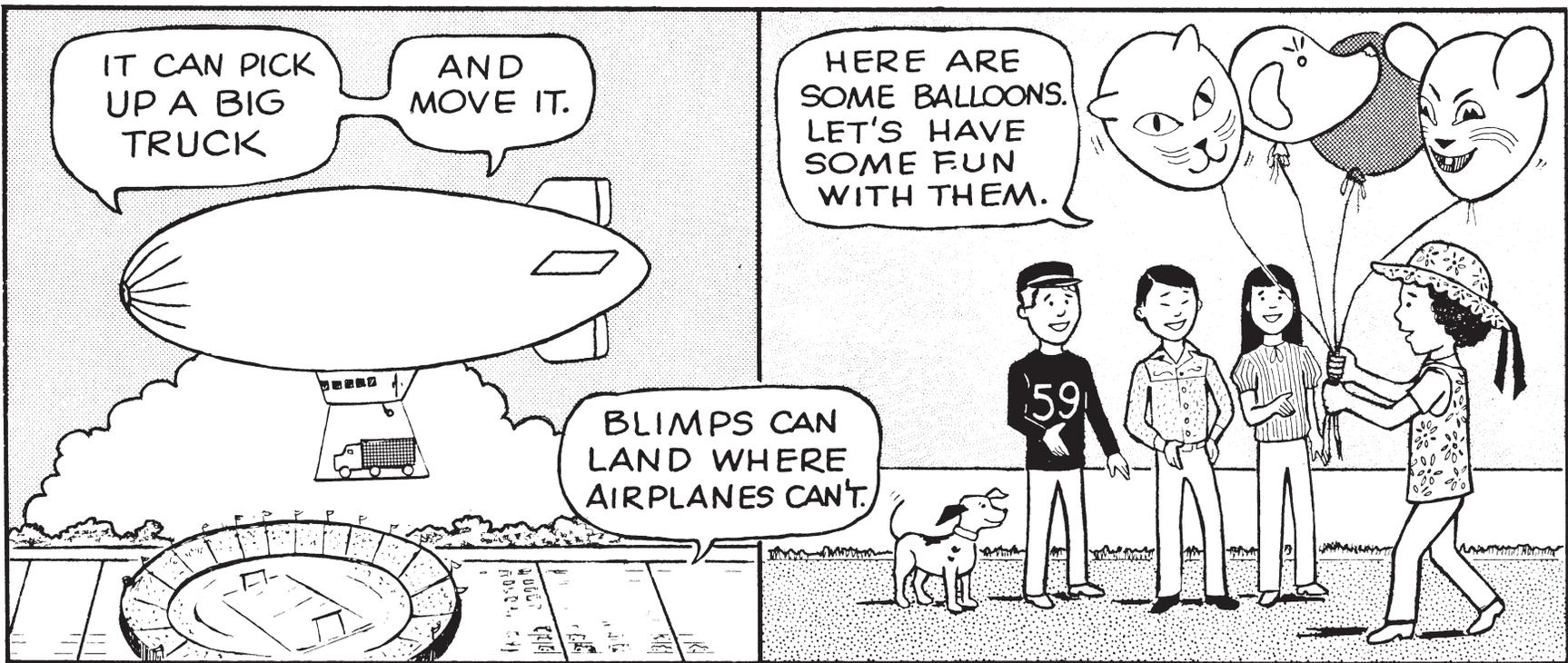
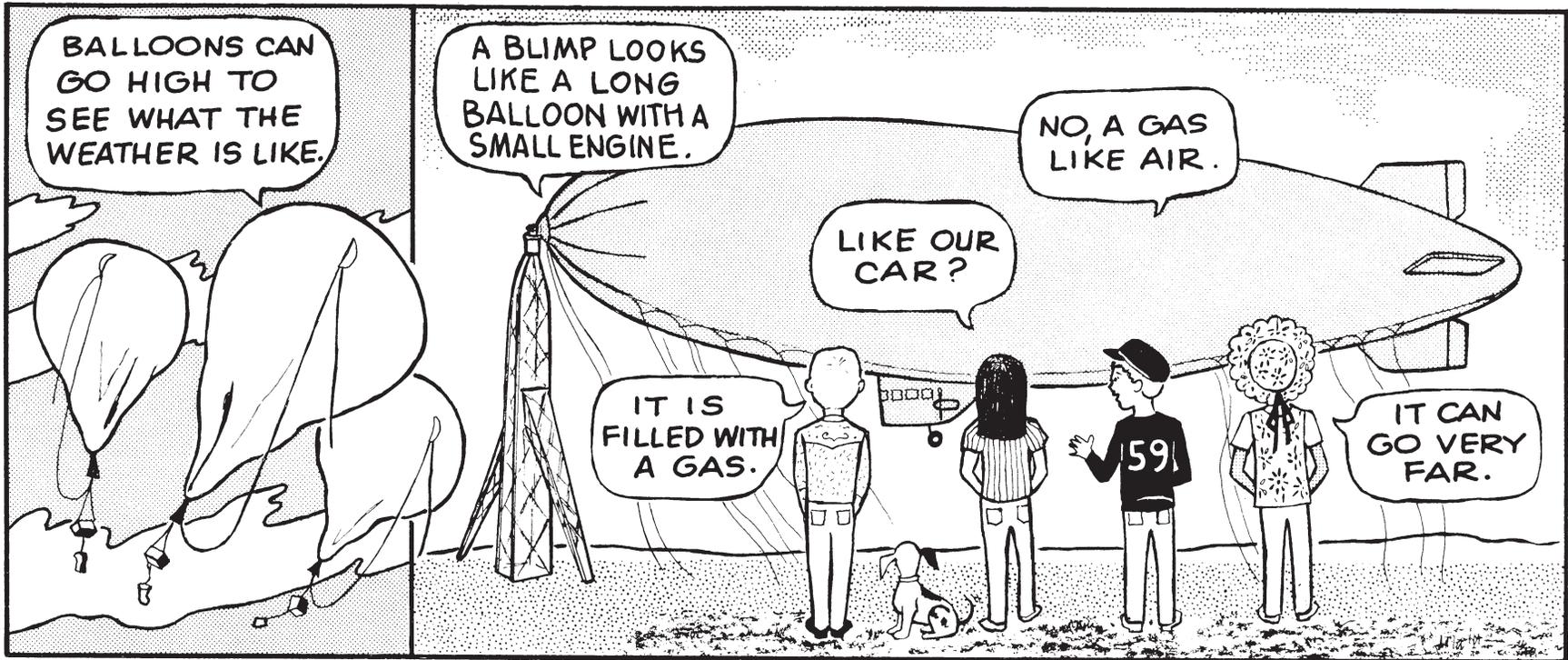


THE WINNER OF THE RACE GOES FAR AWAY.



THE RACE IS FOR FUN,

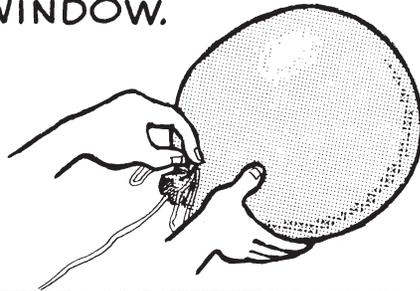
BUT SOMETIMES BALLOONS ARE USED FOR WORK.



EXPERIMENT

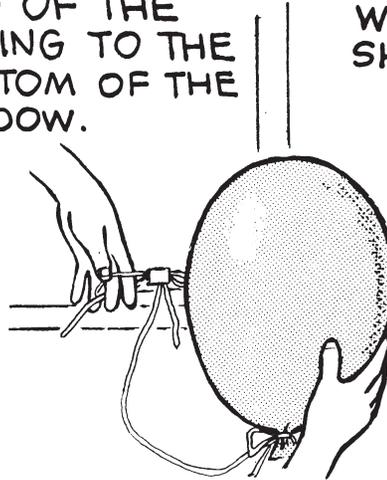
①

BLOW UP THE BALLOON. TIE WITH A LONG STRING. PUT IT IN A SUNNY WINDOW.



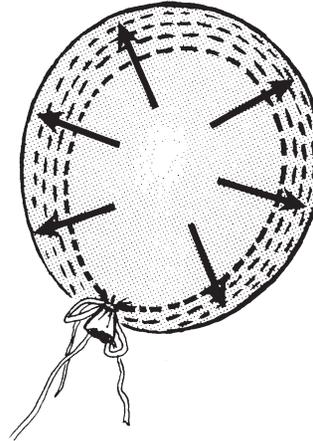
②

TIE THE OTHER END OF THE STRING TO THE BOTTOM OF THE WINDOW.



③

WHAT HAPPENS TO THE BALLOON WHEN THE SUN SHINES ON IT?

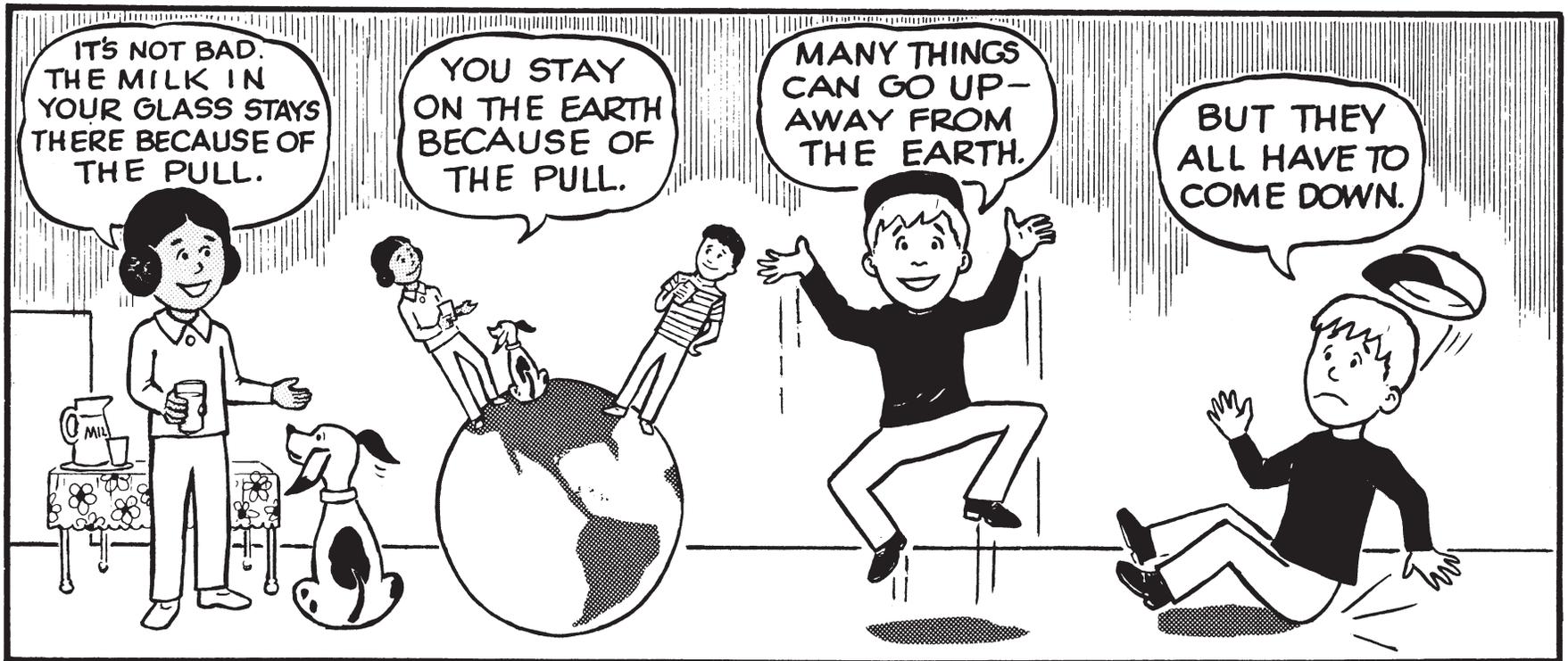
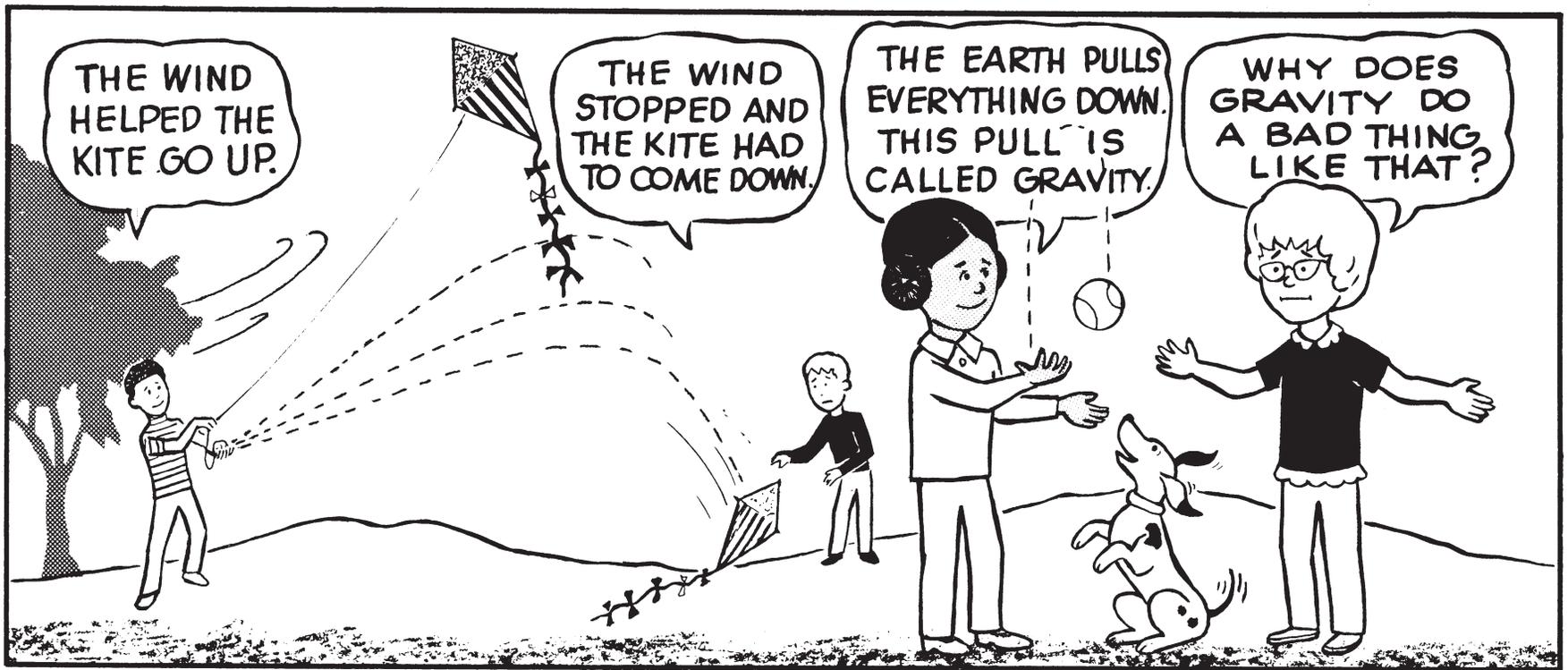


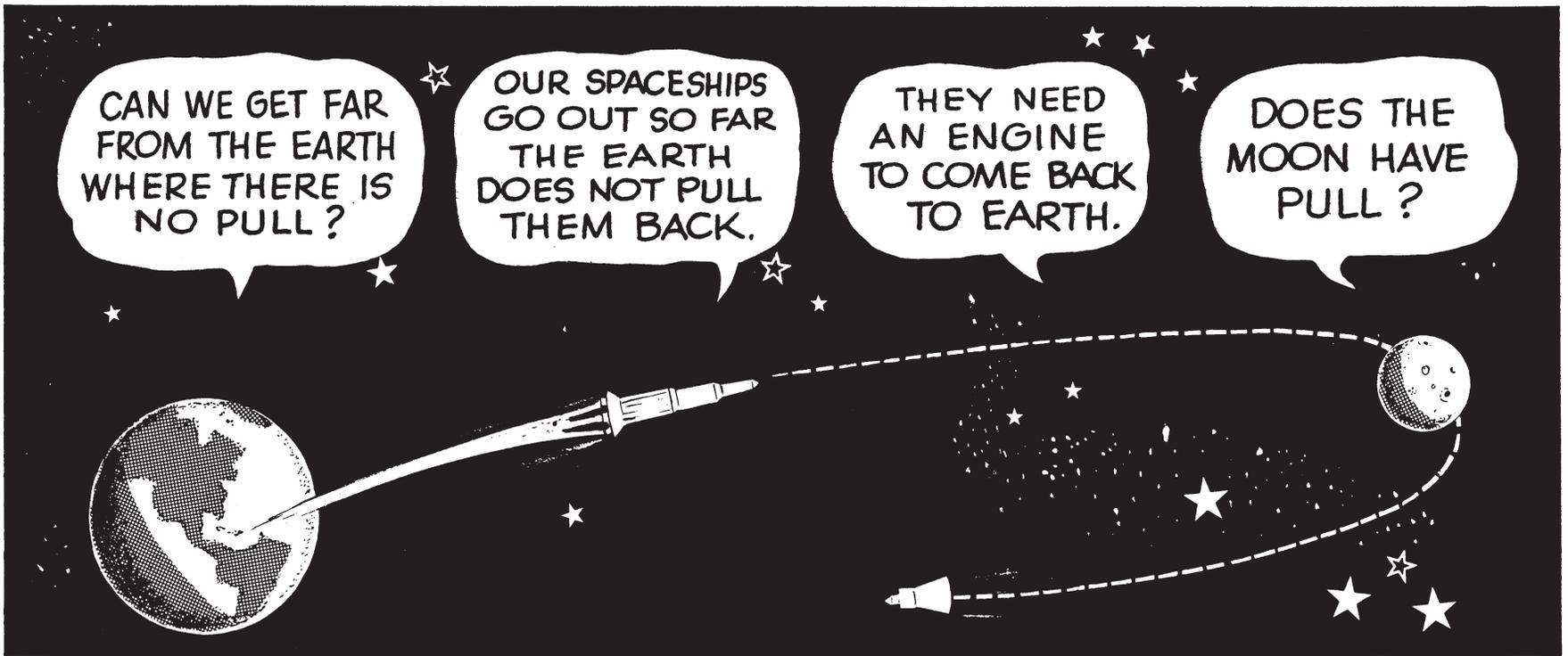
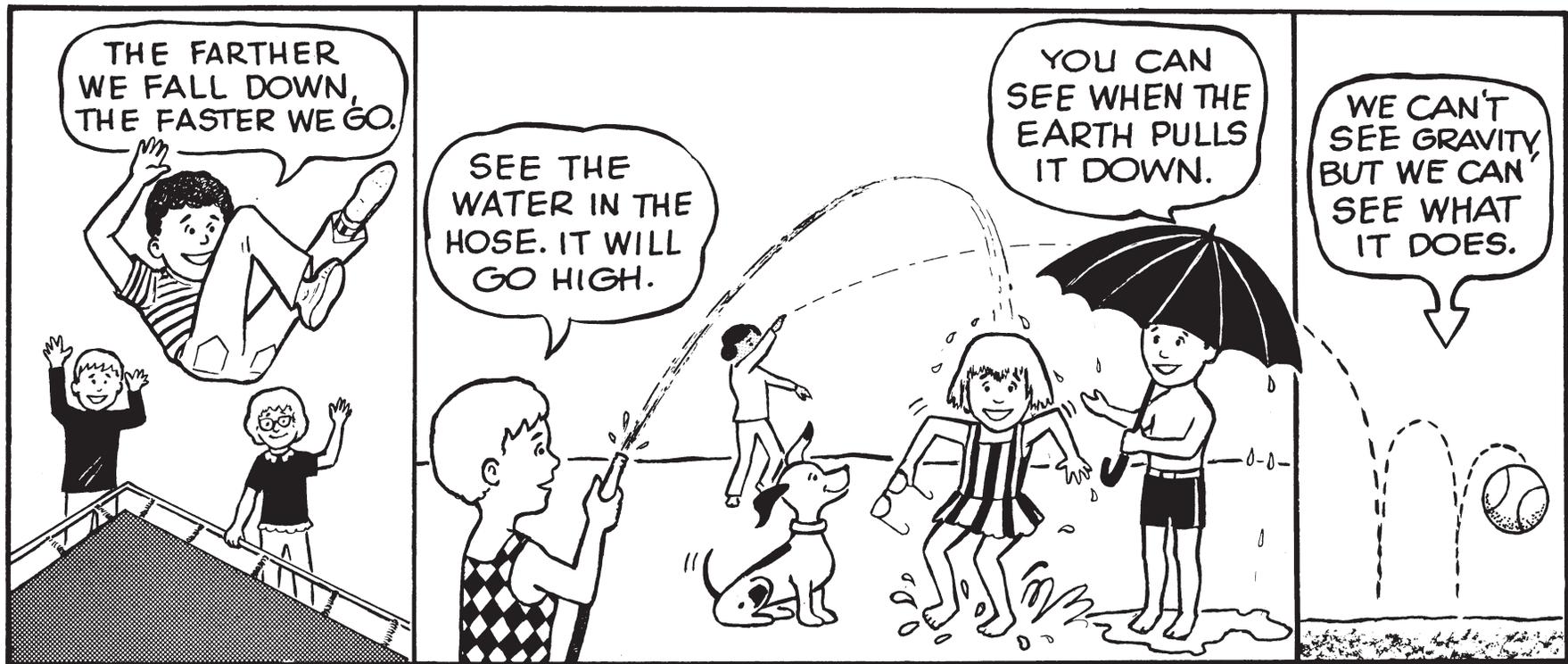
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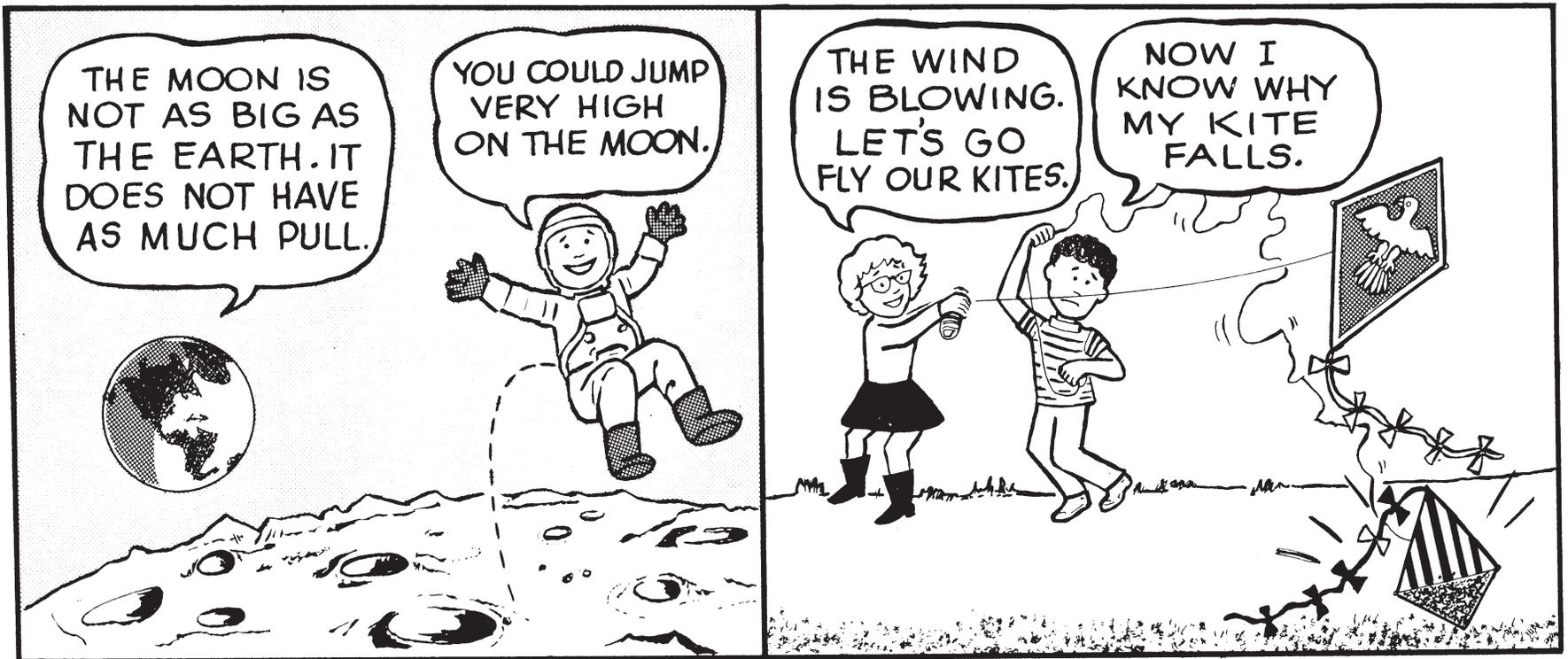
WILL THE SAME THING HAPPEN OVER A HOT RADIATOR?





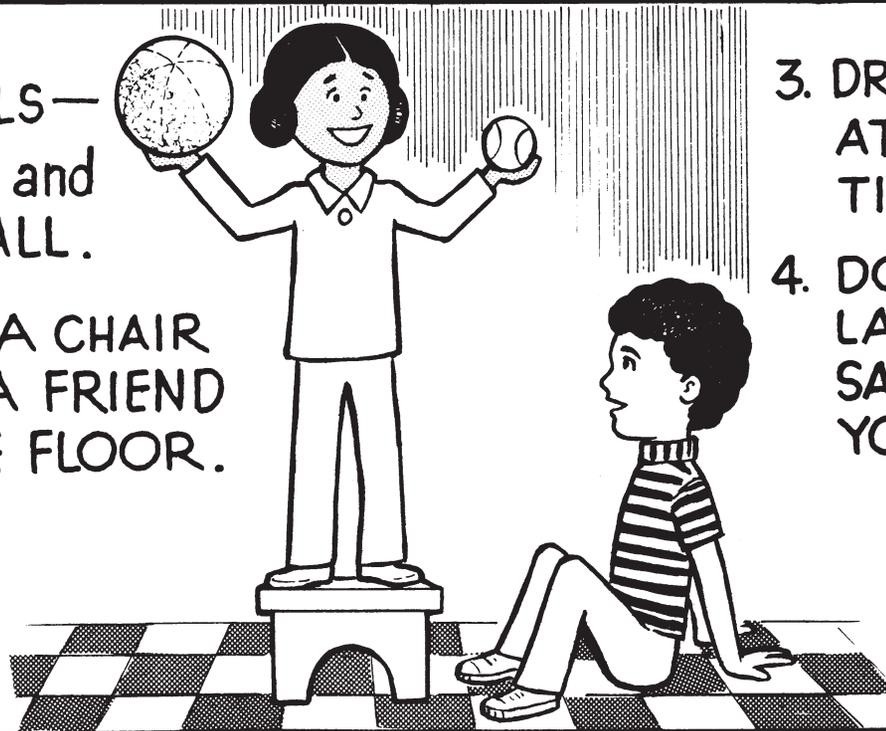




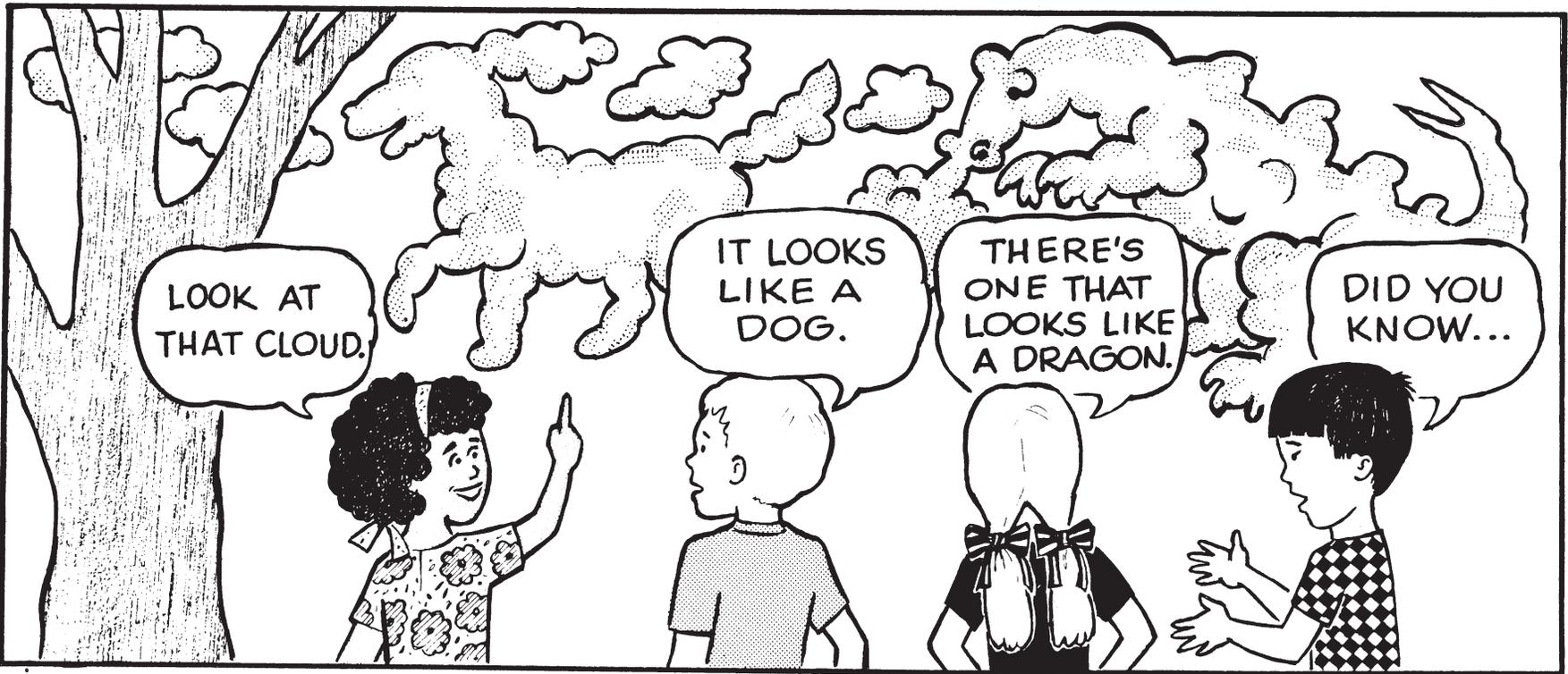
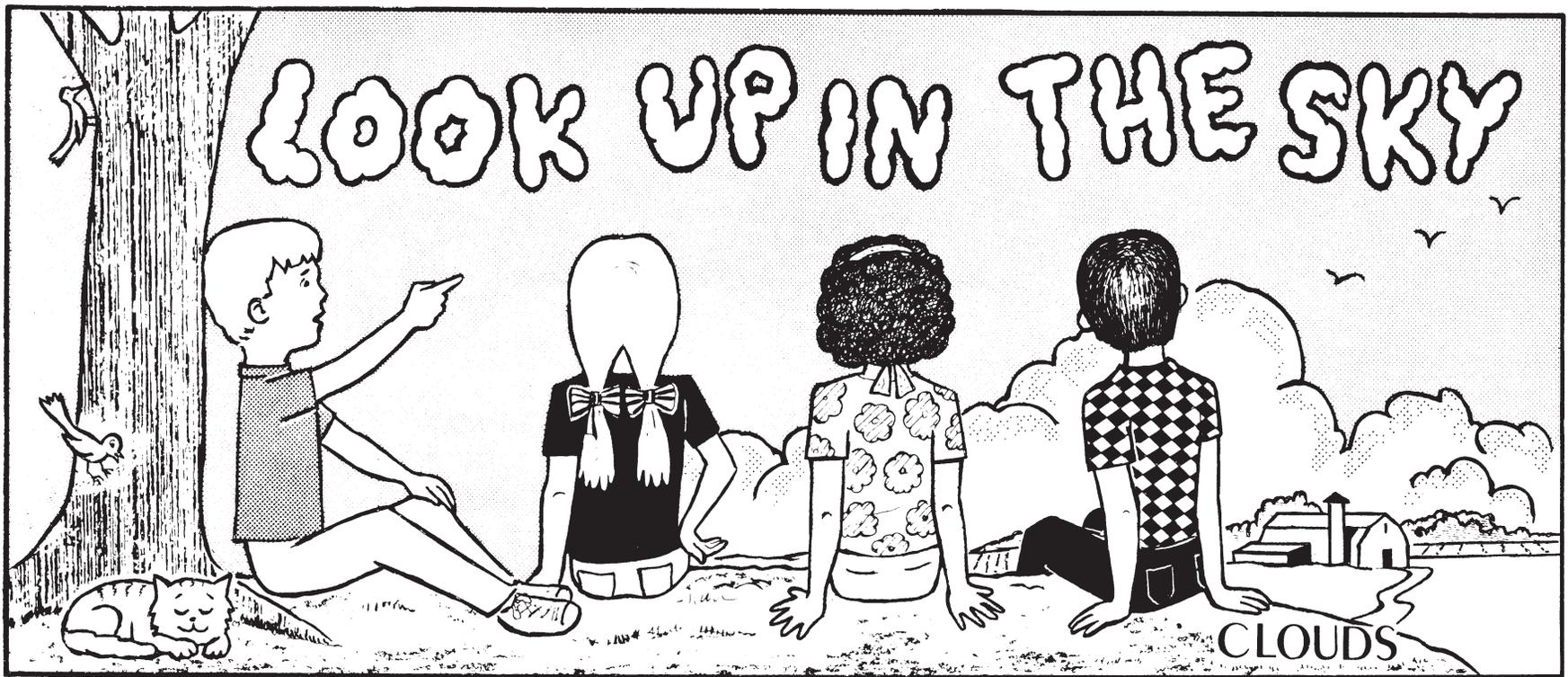


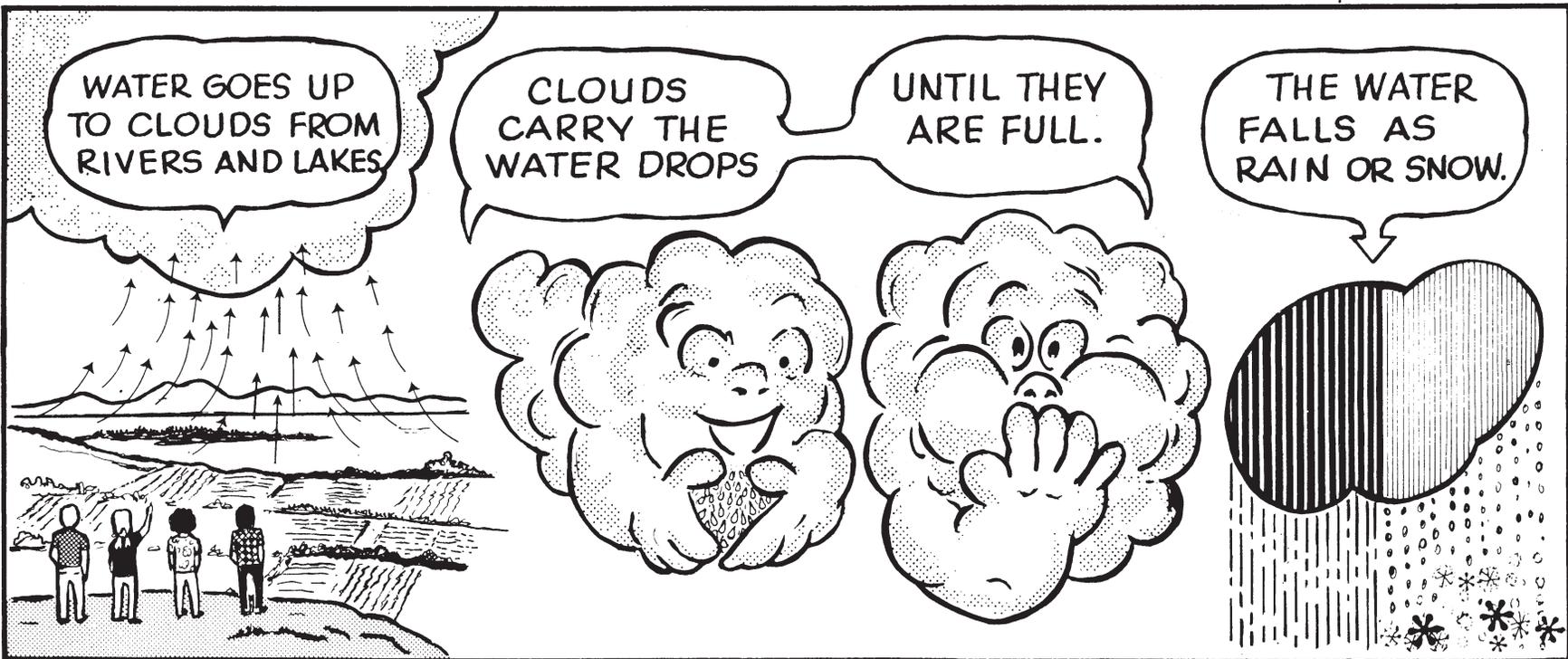
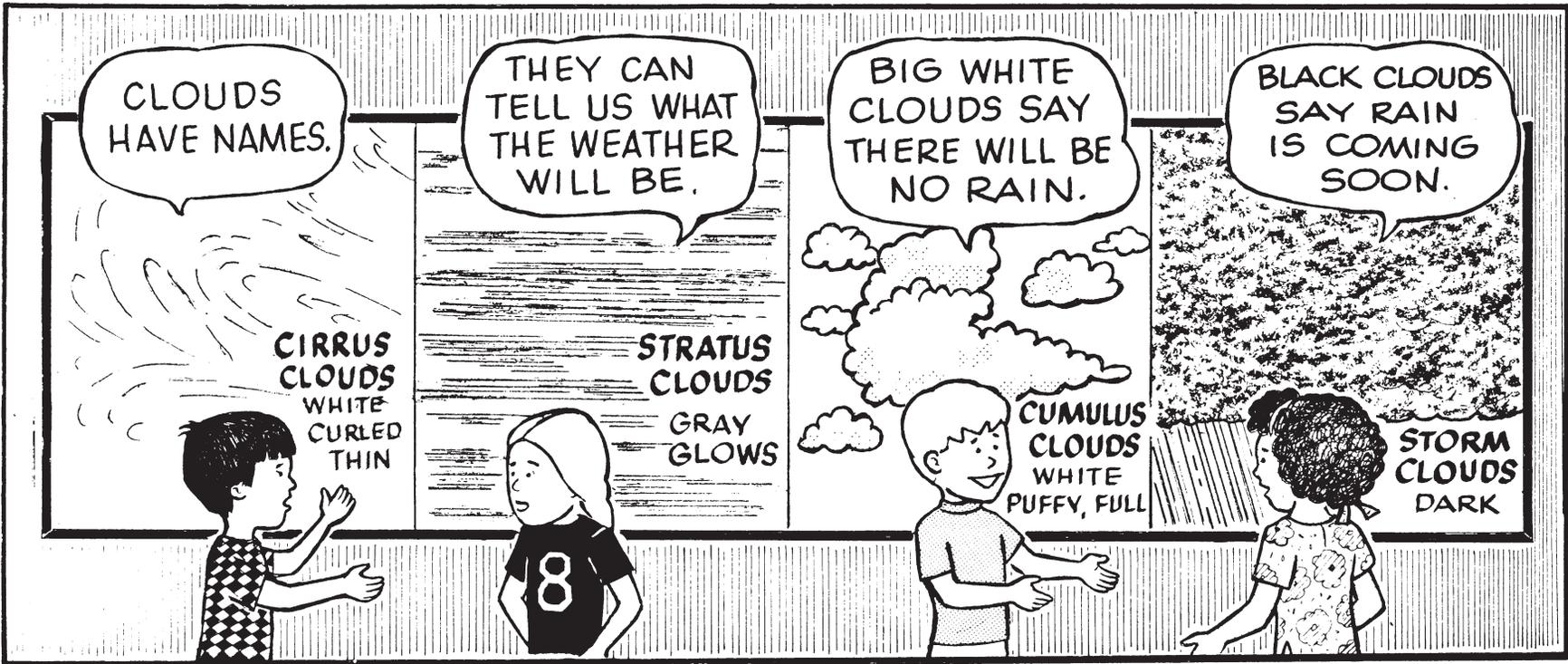
EXPERIMENT

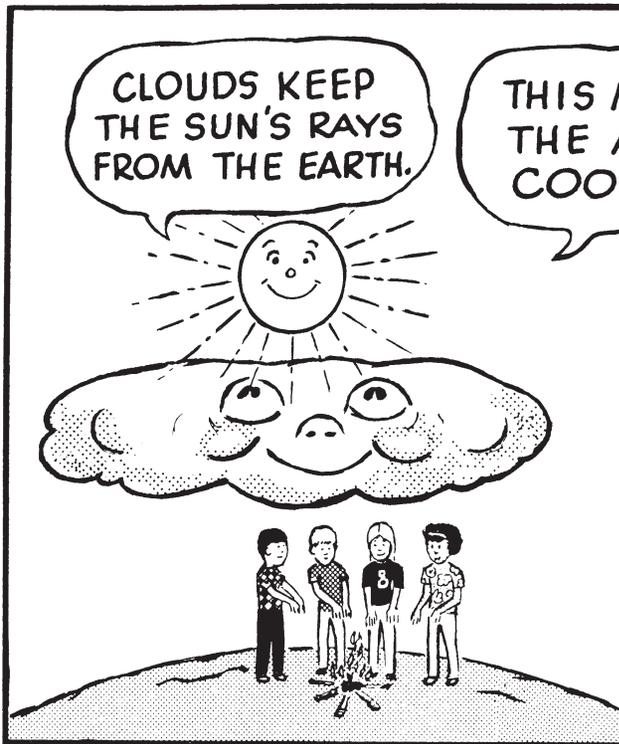
1. TAKE 2 BALLS—
1 BIG BALL and
1 SMALL BALL.
2. STAND ON A CHAIR
AND HAVE A FRIEND
SIT ON THE FLOOR.



3. DROP BOTH BALLS
AT THE SAME
TIME.
4. DO THE BALLS
LAND AT THE
SAME TIME? CAN
YOU TELL WHY?

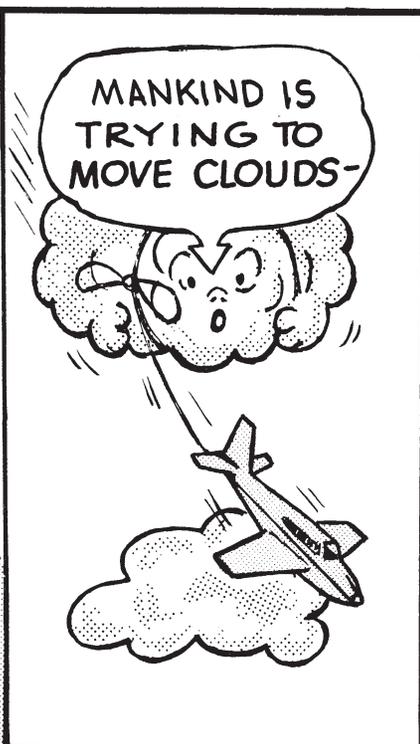
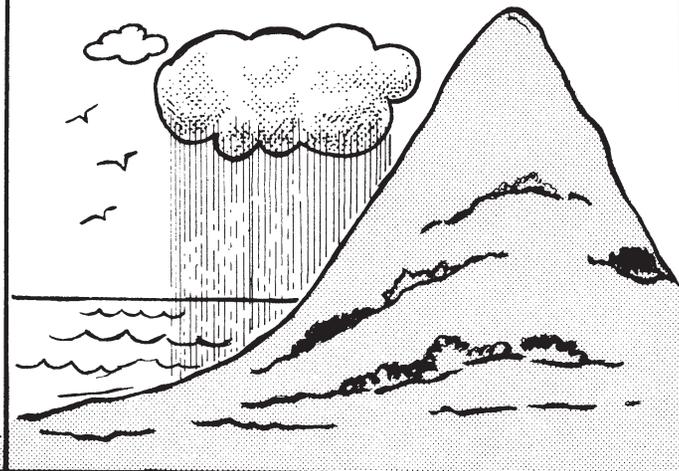






THIS MAKES THE AIR COOLER.

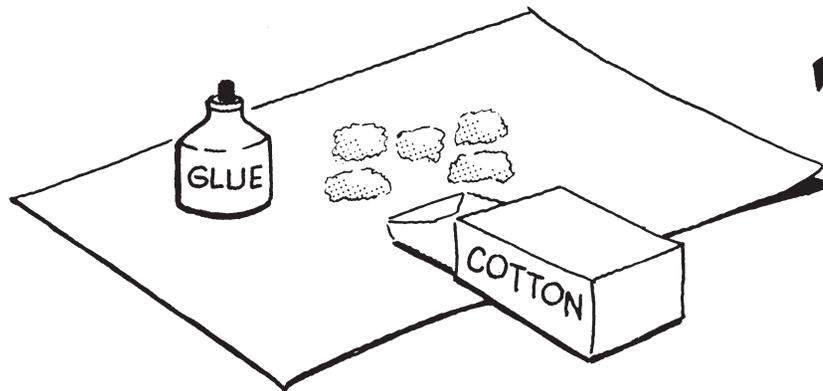
MOUNTAINS CAN KEEP CLOUDS FROM RAINING ON THE OTHER SIDE.



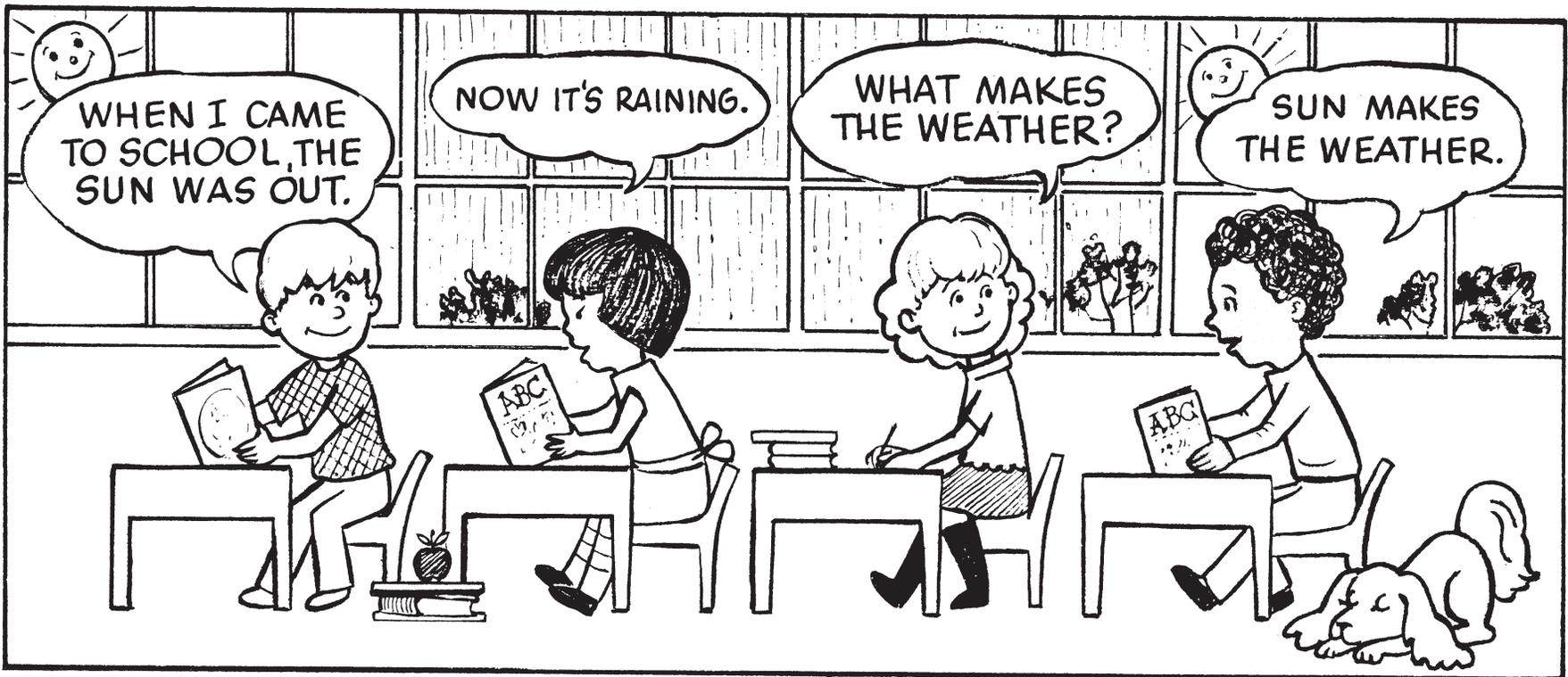
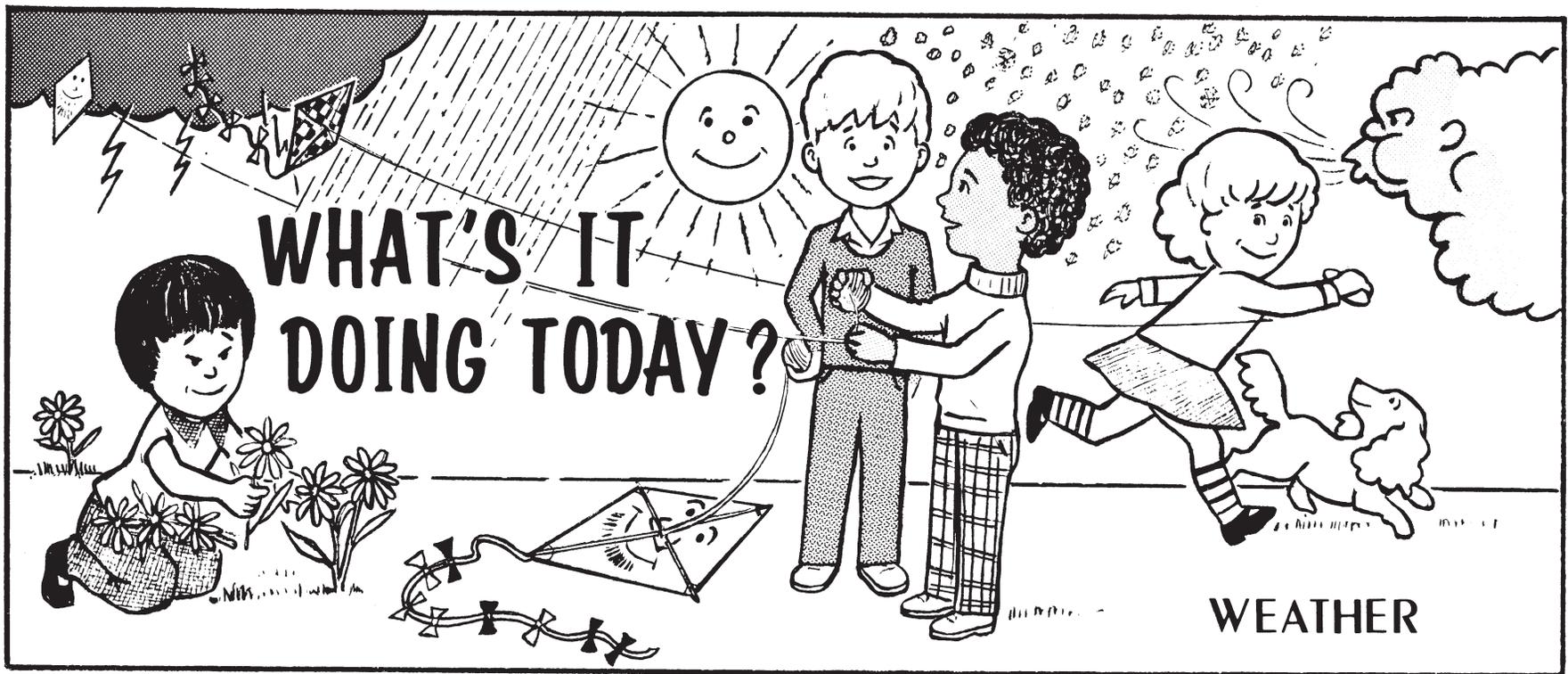
EXPERIMENT

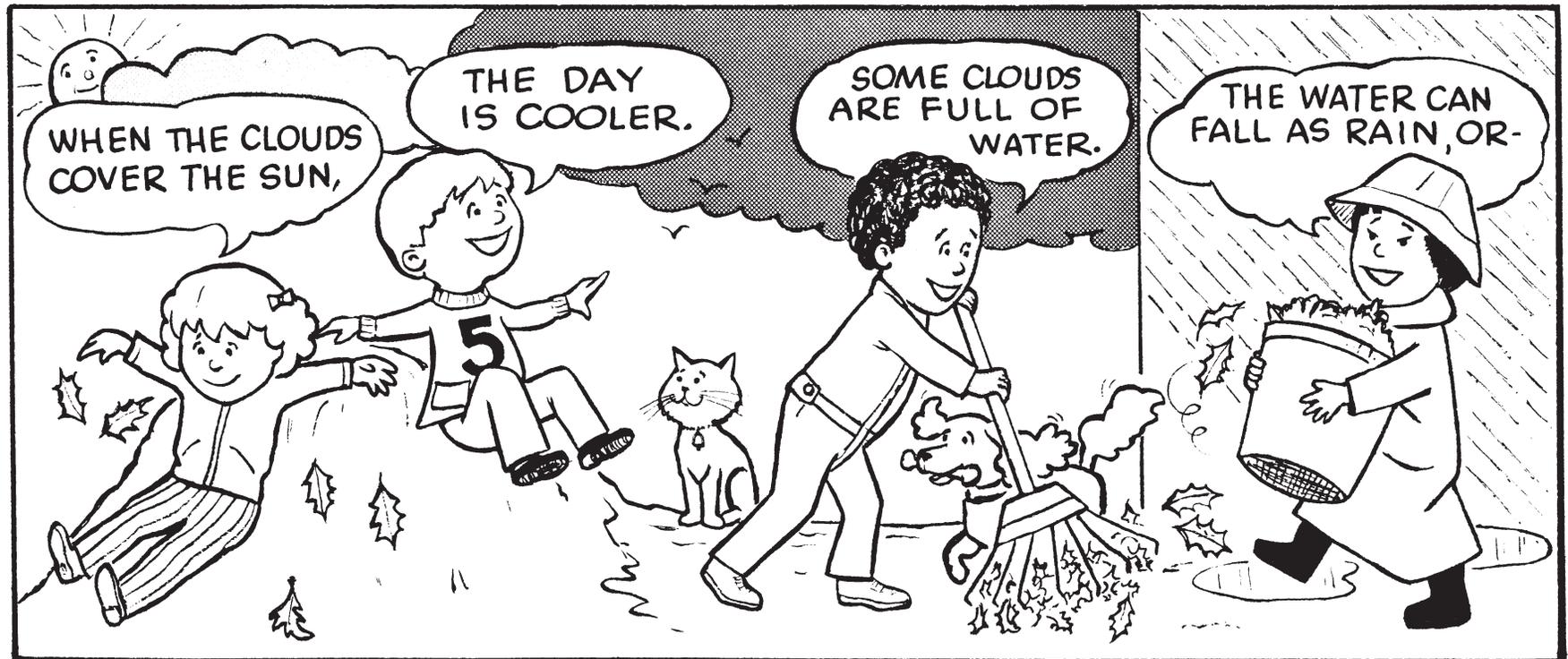
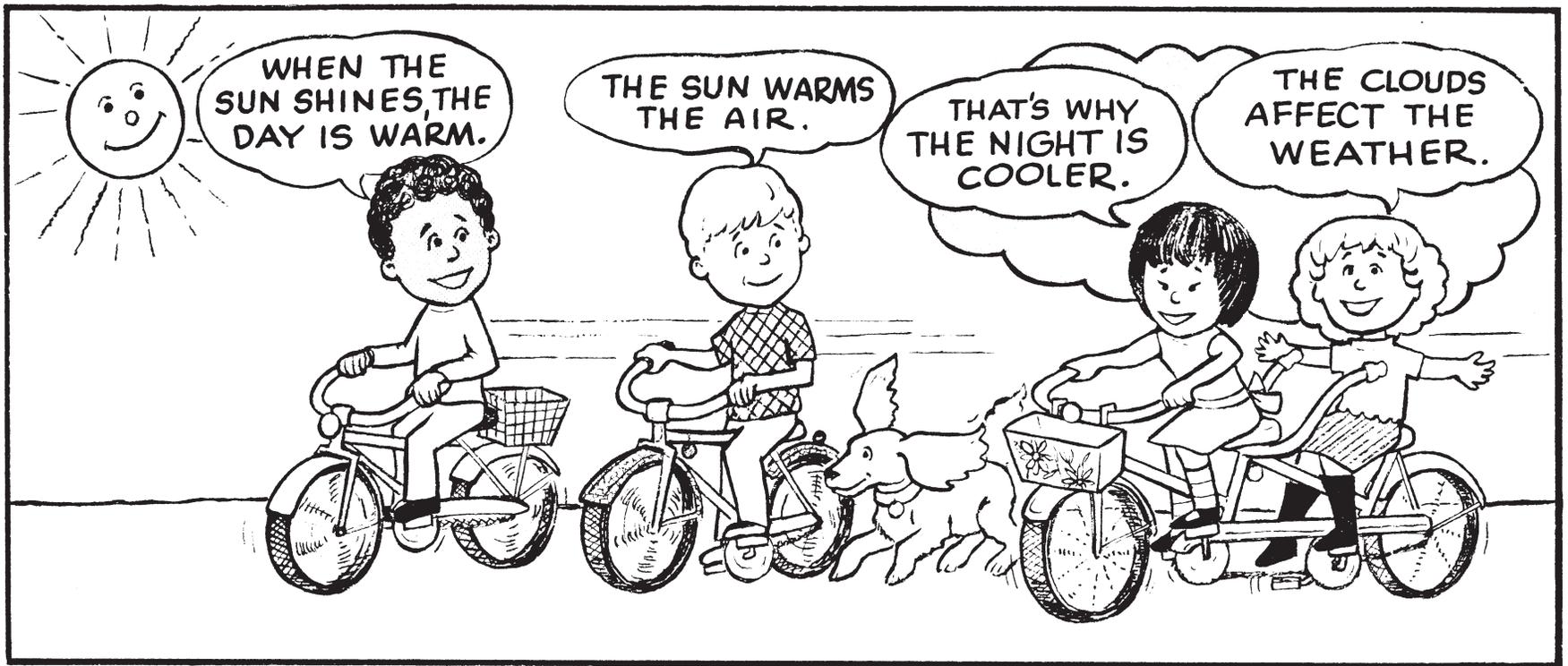
YOU WILL NEED:

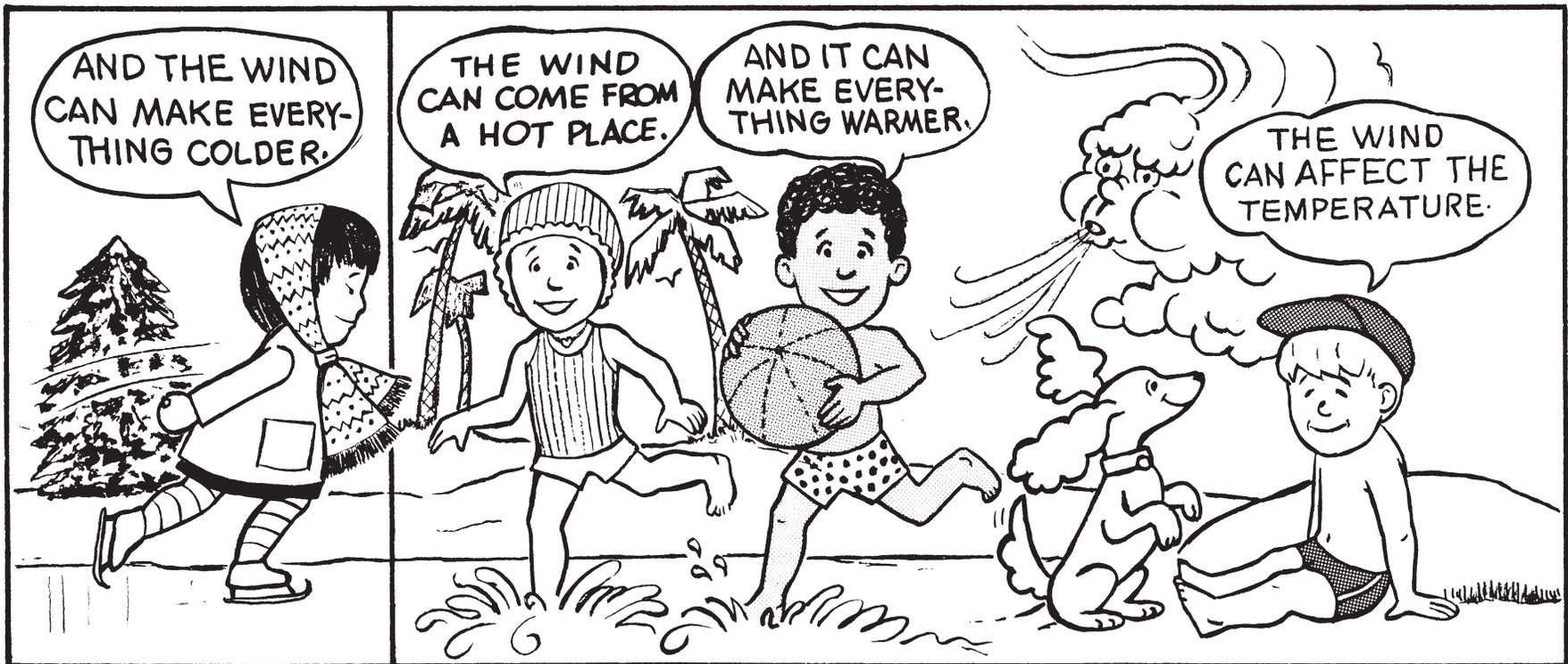
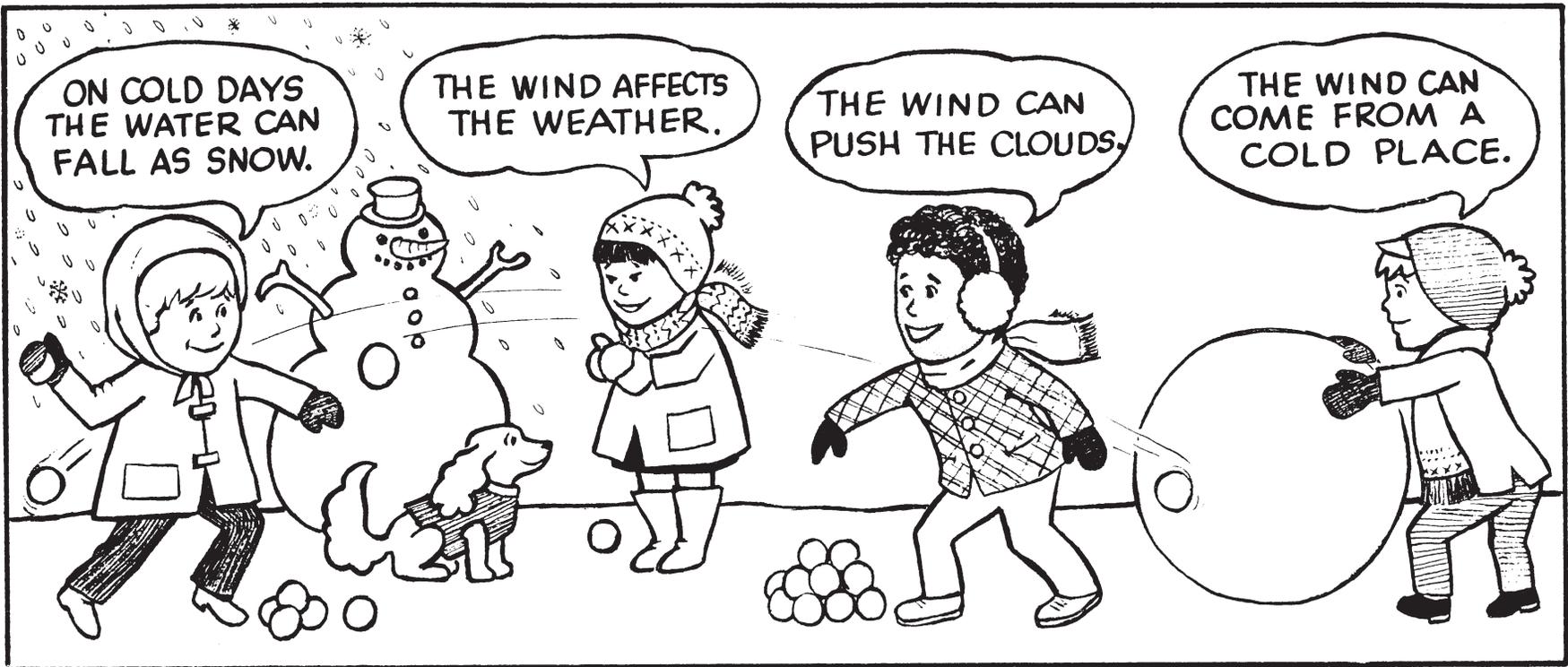
1. COTTON
2. GLUE
3. LARGE PAPER

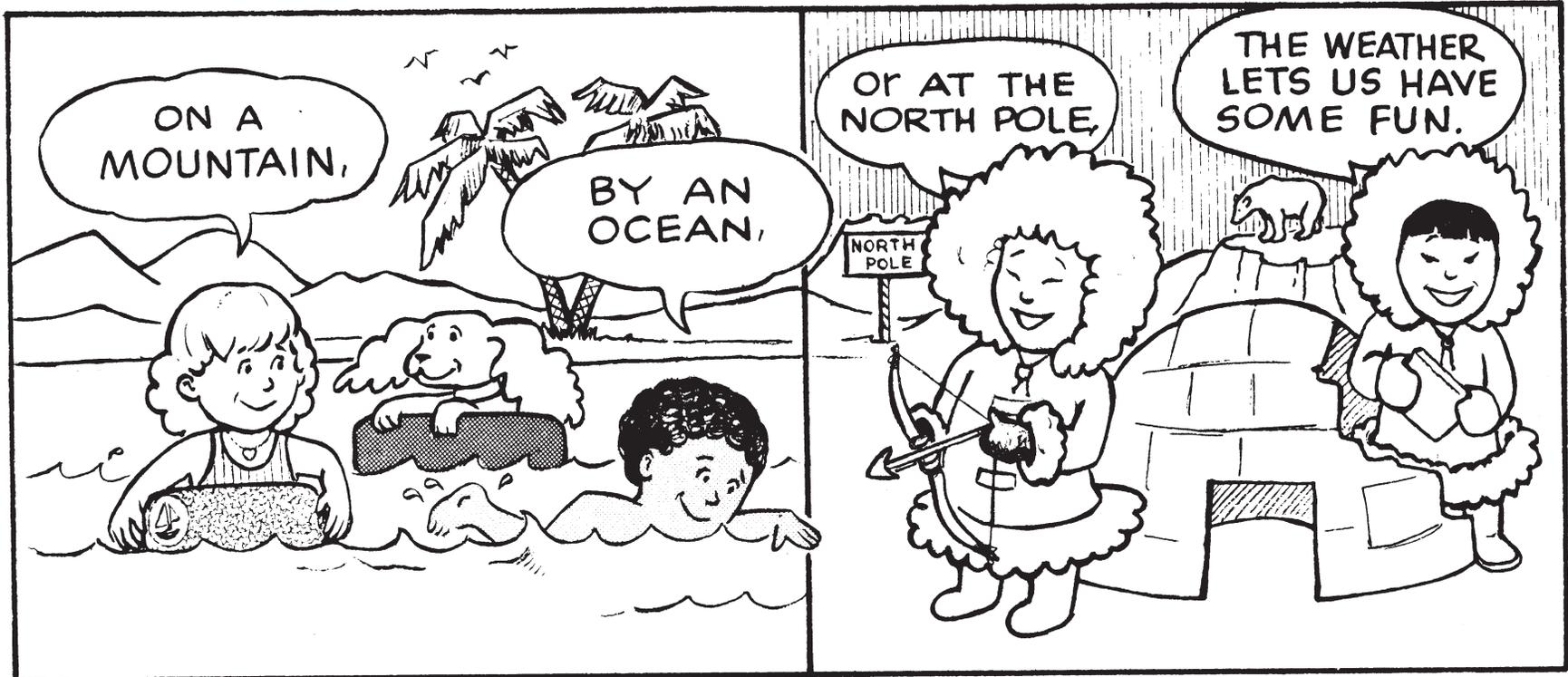


- ✓ LOOK AT THE SKY.
- ✓ USING COTTON, MAKE THE CLOUDS YOU SEE.
- ✓ GLUE THE CLOUDS TO THE PAPER.
- ✓ WRITE WHAT THE WEATHER WAS WHEN YOU SAW THE CLOUDS.





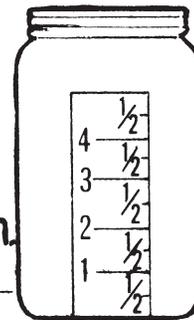




EXPERIMENT

How much did it rain?

1. Get a jar or a glass.
2. Put a tape on its side.
3. Mark every $\frac{1}{2}$ inch and 1 inch.



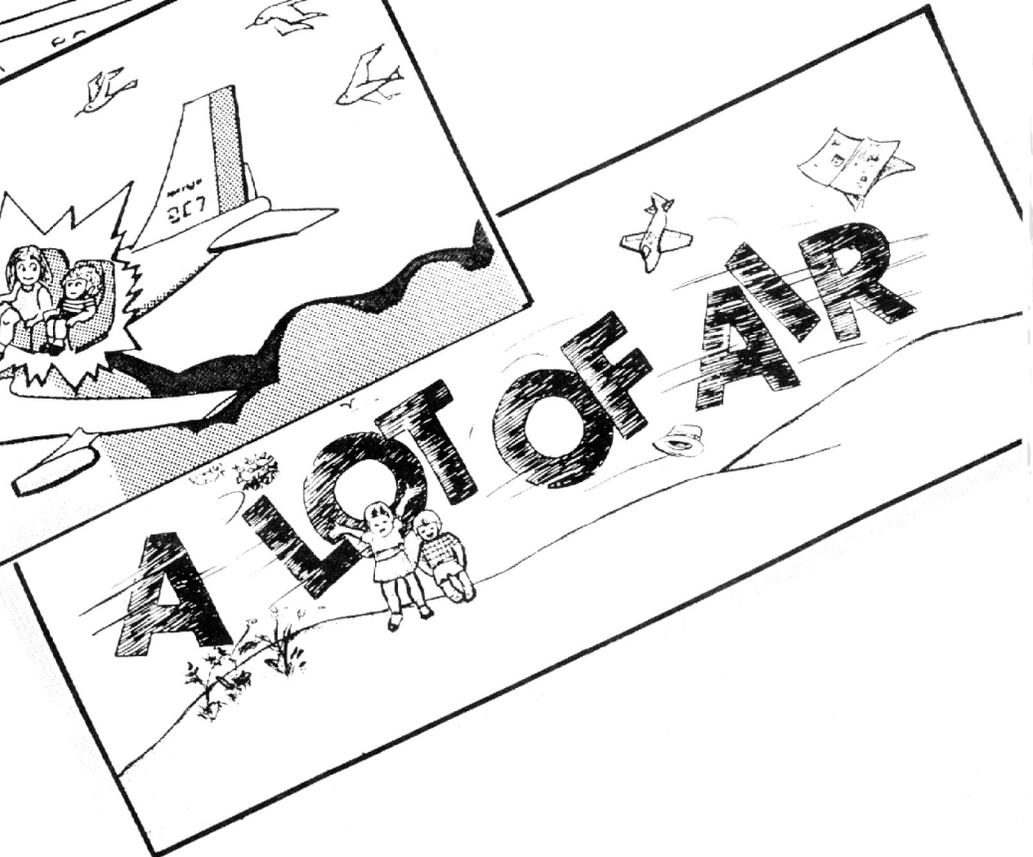
4. Put outside away from trees.
5. After the rain is over, look to see how many inches it rained.



4 IN 1

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**ACTIVITY BOOKLET TWO
IS AVAILABLE**



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