

# GOOD YEAR BOOKS

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# SCIENCE CHALLENGE

190

Fun and Creative  
Brainteasers for Kids

**LEVEL 1**



E. John De Waard and Nancy De Waard

# GOOD YEAR BOOKS

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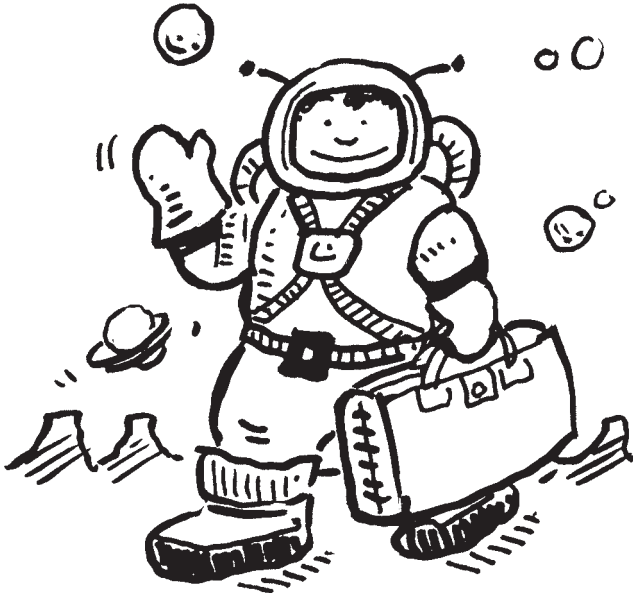
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# Neat!

Ashley and Jack are running through the sprinkler. Water drops are flying everywhere. "Look, a rainbow," Jack says to Ashley. What made the rainbow?



Light shining through water drops is refracted (separated) into colors in the same way as when light shines through a glass prism. The different colors of light that make up the white sunlight are bent by different amounts as they pass through the drops. This process separates the colors so you can see them.

3

# Fact!

Air is all around us, even though we can't see it. Air takes up space. What is one way you could show that air takes up space?



*Blow up a balloon or puff out your cheeks.*

4

# Listen!

Carlos says that drinking milk will give you muscles. Annie says Carlos already has muscles. Who is right?

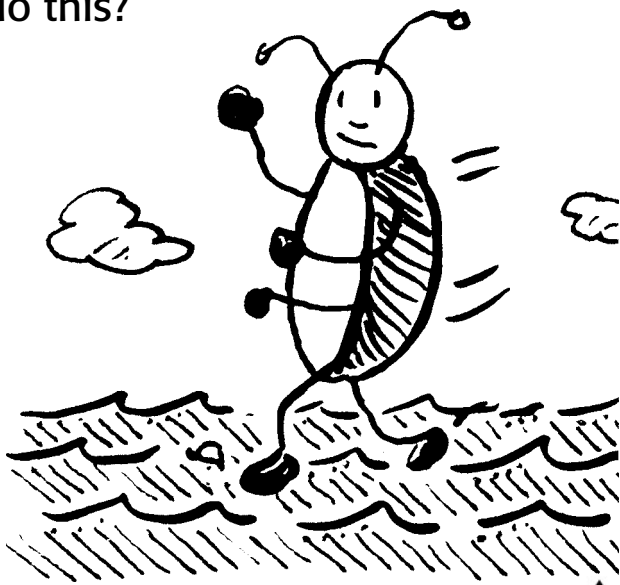


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*Everyone is born with muscles, but a nutritious diet, including milk, helps keep your muscles strong.*

# Really?

Some insects called water striders can walk on water as easily as you walk on a sidewalk. How can they do this?



*Water has a kind of skin, called surface tension, on which the water strider can walk.*

**6**