

Broken Words

Six words are broken apart below. Put them back together. Match each part on the left with its other part on the right.

in	al
dis	part
a	entist
van	appear
sci	ish
met	visible

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THE CLOAK OF INVISIBILITY

By Ron Fridell

Would you like to become invisible? Scientists have found a way to make things disappear.

The secret is light waves. Light moves in waves that can bend. That's why a straw in a glass of water seems to come apart. The light waves bend as they pass from the air to the water.



Illustration by Judy Martin

Scientists can bend light around an object. Then the object looks as if it's not there. It looks invisible.

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INVISIBILITY

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How do the scientists bend light? They make tiny metal threads. The threads bend light waves and turn them away. The scientists make a net from the threads. When they lay the net over a small object, the object seems to vanish.

So far, scientists can make only very small nets. They will try to make bigger nets. What if they can make a net big enough to cover a person? Then, poof! You, too, could be invisible!

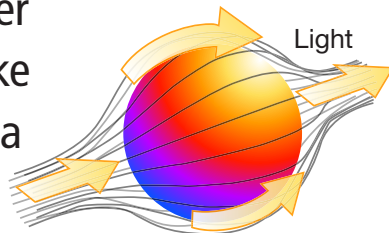


Illustration by Casey Jones

With the new covering, light bends around an object like water around a rock in a stream.



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This coat has a camera in it. It shows the image behind the coat on the front. An invisibility cloak could look like this.

Write About This!

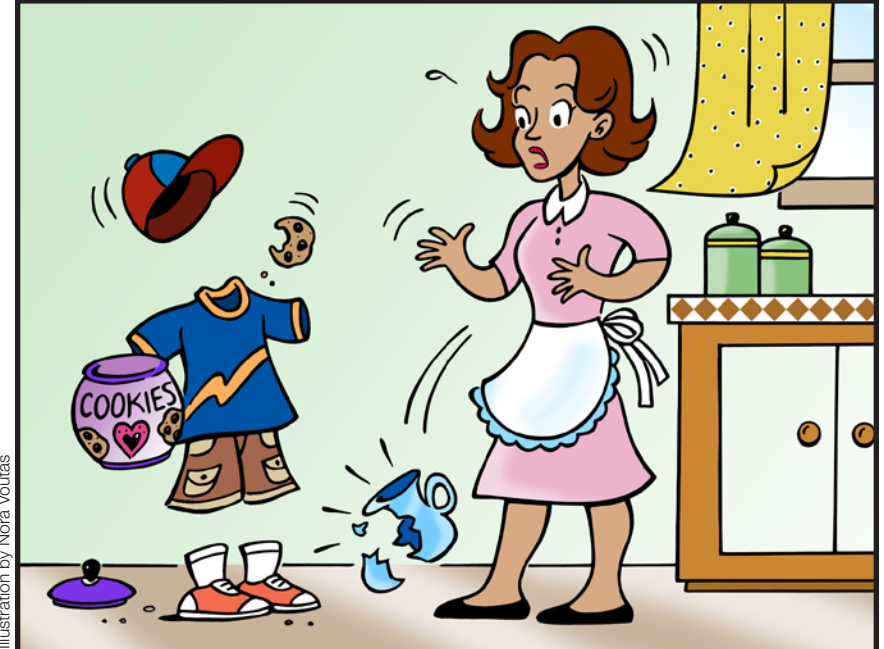


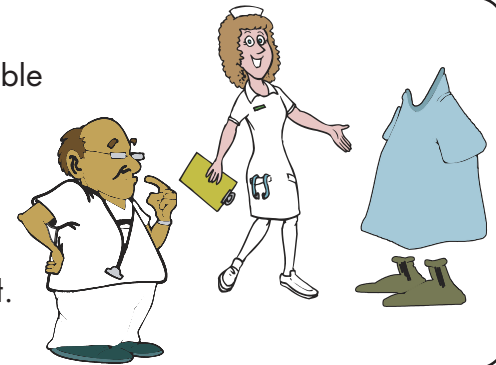
Illustration by Nora Vourtas

What if you were invisible? What fun could you have? What could you do? Make a list of things you could do if you were invisible. Write a story about it. Use your list to help you.

JOKE

Nurse: Doctor, an invisible man is here to see you.

Doctor: I can't see him now. Bring in the next patient.



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