

Science Studies WeeklyTM Footprints

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Move It

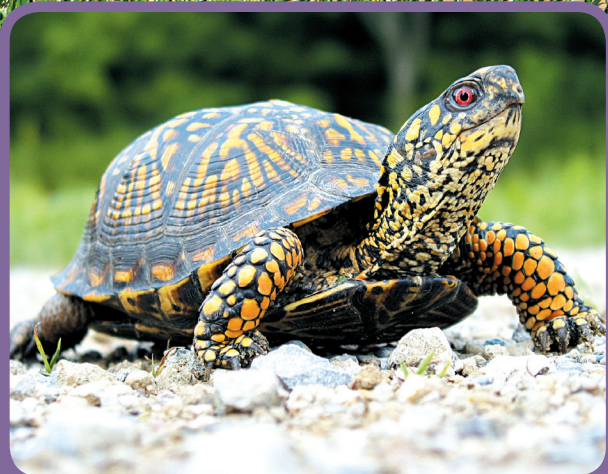
How do things move?



See Primary-Source
Related Media...



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Things can move fast.
Things can move slowly.
Things can move in
different ways.

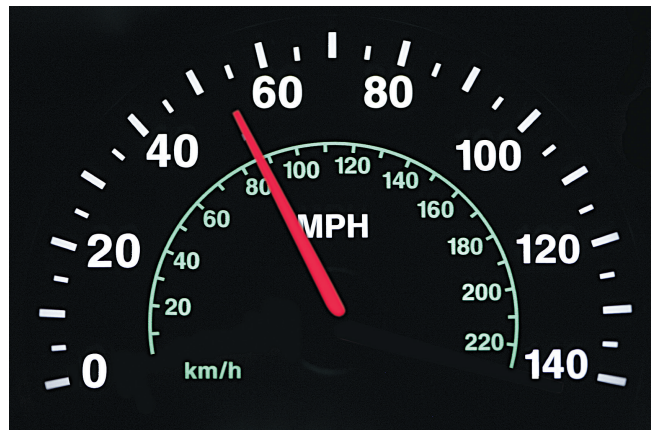
Move It

Things can move back and forth. Things can move up and down. Things can move around and around. Things can move in a straight line.



We can make things move. Things move when we push them. Things move when we pull them.

Speed is how fast or how slowly something moves. We can measure speed with a speedometer. A car has a speedometer.



Look & Learn

Some things are easy to move. Some things are hard to move.



Most of the time, bigger things are harder to move than smaller things.



Do you have a pet at home? When you go home, watch how your pet moves.

At school, talk to your friends about how pets move. Do they walk on four legs? Swim? Fly? Talk about their speed.

What You Need

- different kinds and sizes of balls
- a friend or two
- an outside space

What to Do

1. Move the balls any way you want. Kick them, roll them, bounce them and throw them. (Be careful. You don't want to hurt your friends or yourself.)
2. Talk about how the balls move. Do different balls move in different ways? What happens if you kick or throw or bounce them harder? Here are some words to use:



high **hard** **slow** **roll**

bounce **kick** **throw**

close **low** **fast** **far** **long**

3. Roll one of the balls. Ask your friend to put his or her foot in the way. What happens when the ball hits your friend's foot?

Draw a picture of you and your friends moving the balls.