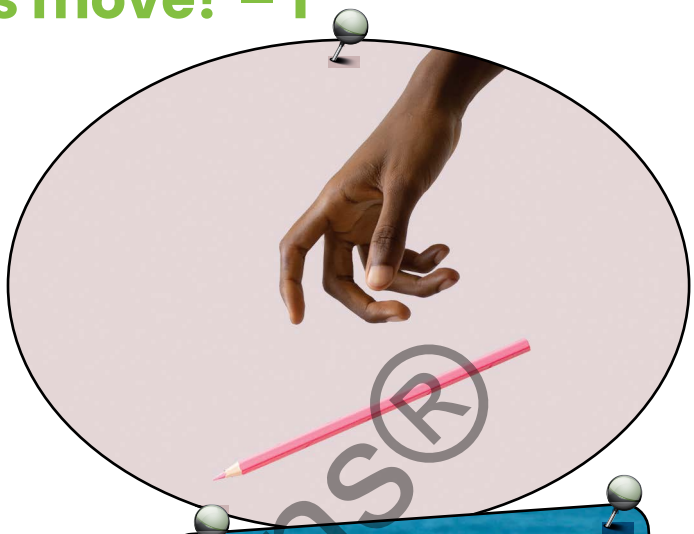
What else makes things move? – 1



Hold a pencil out and let it go. *What happens?* It falls down to the ground. Objects cannot move by themselves—they have to be pushed or pulled by something else. *So what 'invisible' thing makes objects move down to the ground?*

All things near Earth fall down, towards Earth, unless something holds them up. They move this way because of **gravity**. Gravity is a force that **pulls** things towards Earth. You cannot see gravity, but you can see it working. If you kick a ball up into the air, it will go up for a while, then come back down. Gravity pulls it down. Without gravity, the ball would keep going up and up. If you trip on something, you fall down—because of gravity. Gravity is what keeps you, plants and animals on the ground. It keeps food on your plate and buildings on the ground. Without gravity, if you jumped, you would keep going up instead of landing back down.

Another 'invisible' thing that can make objects move is the **wind**. Wind is moving air. It can make kites fly, sailboats move along the top of water, clouds move in the sky and leaves blow off trees. Sometimes, wind can be a strong enough pushing force to pick up or knock down whole buildings.

You can even create your own wind force by using your breath. You can move a toy boat by blowing it. The harder you blow, the further it will go.

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What else makes things move? – 2

1. Shade the right word. Gravity is a | push | pull |.

2. Draw what might happen to you if there was no gravity.

3. Draw two things that wind can move. Write 'push' or 'pull' underneath each, to say how the wind moves it.

4. Write G for gravity or W for wind to say which force is being shown.

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