

Gravity

Grade 3 Science Worksheet



The force of gravity pulls things toward the center of Earth.

Try this: Put a pencil on a table.

Does it move? Why do you think this happens?



Try this: Gently push the pencil off the edge of the table.

What happens? Why do you think this happens?



Answers

Try this: Put a pencil on a table.

Does it move? Why do you think this happens?

The pencil doesn't move when it is sitting on the table because the table is pushing up on the pencil with equal and opposite force. The forces are balanced, so the pencil doesn't move.



Try this: Gently push the pencil off the edge of the table.

What happens? Why do you think this happens?

Earth's gravity pulls on everything on Earth all the time. The pencil falls off the table because gravity is pulling on it.

