

# EXPLAINED BY SCIENCE

Gravity is a force. It tries to pull two objects toward each other. Anything that has mass has a gravitational pull. Gravity gives things weight. It pulls on all the mass in an object. Gravity is important. All objects have gravity. Some objects have more gravity than others. Earth has gravity. Its gravity keeps us on the ground. It keeps us from flying away. It causes objects to fall. It holds the moon in orbit around the Earth. The sun has gravity. Its gravity holds the planets in orbit around the sun. Life on Earth needs the sun's light and warmth. Gravity keeps Earth at the right distance from the sun. Too close and it'd be too hot. Too far and it'd be too cold.

Gravity hills have **angular** things around them. Angular means having lots of lines. It means not curvy. There could be rocks with straight edges. There could be rows of trees that make lines.

Gravity hills hide the **horizon**. Horizon is the line where the earth and sky meet. People have a weird perspective. They can't compare things to the horizon. They can't see what's level. They can't judge the slope.

All these things work together. They make eyes see **inclines** instead of **declines**. Inclines are lines that go up. Declines are lines that go down.

Real or not? It doesn't matter. Gravity hills live in people's imaginations.

People's eyes and brains don't read visual signs correctly.

