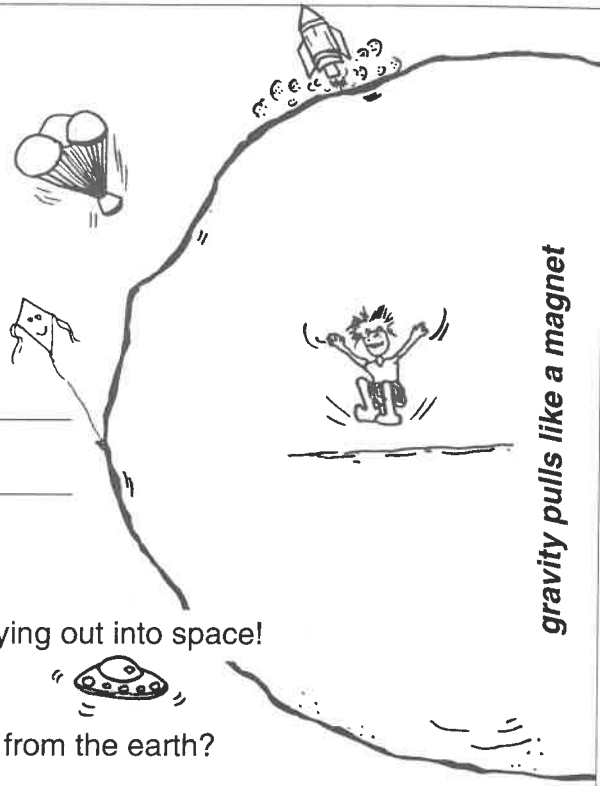


What Is Gravity?



Take your pencil in your hand.
Let it go.

What happens to the pencil? _____

Which way does it fall? _____

What makes it drop?

A force called gravity pulls it down.

Gravity is the force that stops things on earth from flying out into space!

The gravitational pull on the object is called the weight of the object.

What do you have to do to make the pencil go away from the earth?

Which do you think is the easier task: To make the pencil go towards the gravitational pull of the earth or away from it?

Why? _____

In space there is no gravity. If I asked you to drop your pencil in space, what do you think would happen to the pencil?

Gravity even affects spacecraft close to the earth.
It makes them circle the earth, which is called orbiting.

Earth Disaster

Suppose earth's gravity lessened.
What might the consequences be?
