



WHAT DID SNICKERS DISCOVER?



Snickers thought something mysterious was happening to the moon.

Some nights it looked big and round.

Other nights, only part of it seemed to be there.

And sometimes, it looked like just a tiny crescent.

But Snickers discovered something important...



THE MOON WASN'T DISAPPEARING AT ALL!



- ★ The moon does **not** make its own light. The light we see on the moon comes from the sun.
- ★ At all times, the sun illuminates half of the moon. But as the moon travels around Earth, we see different amounts of that illuminated half.
- ★ Sometimes we see almost all of it.
- ★ Sometimes we see about half.
- ★ Sometimes we see only a thin crescent.



These different appearances are called:

MOON PHASES

The moon itself is **not** changing shape.

What changes is how much of its **sunlit half** we can see from Earth.



SNICKERS DISCOVERED...

Something can look like it is changing—even when something else is causing the change.

That's why Snickers kept observing, comparing, asking questions, and experimenting until she understood what was really happening.



AND NOW...

IT'S YOUR TURN TO DISCOVER!

Snickers has finished her investigation.

But your **Discovery Missions** are just beginning.

