

NOTES #1~BN: GRAVITY

ANSWER THE FOLLOWING QUESTIONS:

BEFORE VIEWING:



- 1) Why does the Earth go around the sun?
- 2) What is gravity? What does it do?
- 3) If a BOWLING BALL and an APPLE are dropped at the same time from 20 meters up, which will hit the ground first? WHY?
- 4) Would there be a sky without gravity? Why do you think that?
- 5) What would happen to the planets if there were NO gravity?

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DURING VIEWING:

- 6) What TWO things determine how much weight an object has?
- 7) DRAW the TWO forces acting on the planets AND EXPLAIN HOW they keep the planets in orbit?



- 8) Why would you weigh more on Jupiter than on Earth?
- 9) DRAW and EXPLAIN why the planets are round.
- 10) Which item in our Solar System has the most gravity? How do you know?

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AFTER VIEWING:

- 1) Go back to the first FIVE questions and make corrections or changes to any answers that require it.
- 2) Write TWO things about gravity that are still confusing to you.

