# GRAVITY

Una's first word was "gravity".
Gravity is the force by which a planet or other body draws objects toward its center. The force of gravity keeps all of the planets in orbit around the sun. Each planet has its own force of gravity and this changes how much things weigh on each planet. Use the information below to see how much each of these items weigh on Earth and what they would weigh on each of the other planets.

If you weigh 100 kg on Earth, you'd weigh...



on the Moon



on Mercury



on Venus



on Mars



on Jupiter



on Saturn



on Uranus



on Neptune

| Item | Earth | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune |
|---|---|---|---|---|---|---|---|---|---|
| Scissors | | | | | | | | | |
| Story Book | | | | | | | | | |
| Cup of Rice | | | | | | | | | |
| Bottle of Water | | | | | | | | | |
| Apple | | | | | | | | | |
| Pencil | | | | | | | | | |
| 5 x 20c Coins | | | | | | | | | |
| Your Choice: | | | | | | | | | |

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