

# GRAVITY GAME

**On the table are two objects: pens and paper. Choose one pen and one FLAT piece of paper – if the paper is crumpled, do your best to flatten it.**

1. Which is heavier, the paper or the pen?
2. Make a prediction: when you drop both at the same time, which will hit the ground first?
3. Now actually drop the pen and paper. Which hit the ground first?
4. Are there any other forces besides gravity acting on the pen and paper?
5. Try crumpling up your piece of paper into a ball, then dropping both objects again. Does this change your result?
6. Based on these experiments, do you think weight affects how fast something falls towards the Earth?

