

Smart Writeup's

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

1. A stone and the earth attract each other with equal and opposite forces. Why then do we see only the stone falling towards the earth but not the earth rising towards the stone?

2. Explain why the force of gravitation between two cricket balls is extremely small but that between the cricket ball and the earth is extremely large.

3. There is a strong force of gravitational attraction between the earth and sun. Then why do they not move towards each other?

4. A coin and a piece of paper are dropped simultaneously from the same height. Which of the two will reach the ground first? They are dropped (i) in air (ii) in vacuum? Give reasons for your answer.
