



MAKING SCIENCE FUN!



NEWTON'S ANTICS SCIENCE KIT

SAMPLE QUIZ OR DISCUSSION QUESTIONS

OVERVIEW:

Test your students' understanding of the scientific concepts featured in the **Newton's Antics Science Kit** activities with an oral or written quiz. Just choose the appropriate amount and type of questions for your grade level.

GRADES:
3-5 Students



GRADES 3-5 STUDENTS

NAME: _____

1

Tell what you know about Sir Issac Newton's First Law of Motion-Inertia.

2

Explain how you used inertia and gravity to make the hex nut fall into the bottle.



GRADES 3-5 STUDENTS

NAME: _____

3

Why do you think it was important to quickly pull the plastic ring out from under the hex nuts instead of push it?

4

Once you added energy, what type of path did the penny take inside the balloon? Why?



GRADES 3-5 STUDENTS

NAME: _____

5

What two forces caused the penny to slow down and stop?

6

What caused the hex nut to make a high-pitched noise when spun inside the balloon?



GRADES 3-5 STUDENTS

NAME: _____

7

As you started one pendulum swinging, where did the energy begin to build?

8

Why did the second pendulum begin to swing? What forces caused the pendulums to stop?



NAME:

9 How did you add potential energy to the Newton's Beads experiment?

10 Newton stated that an object will continue moving in the same direction (initially upward) until an outside force acts upon it. What outside force sent the arching beads downward?

 NOTES



This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and light blue, set against a plain white background. There are no margins, text, or other markings on the page.

