

Name _____ Period _____ Date _____

Bill Nye: Motion

1. Inertia is a _____ of matter.
2. This program is brought to you by _____.
3. _____ put things in motion.
4. If an object is at rest, it stays at rest unless acted on by an _____.
5. This property of matter is known as _____.
6. An object in motion stays in motion, an object at rest stays at rest, until an outside _____ acts on it.
7. The quarter has inertia. It's not _____ so it stays at rest.
8. Newton's 2nd Law of Motion: to move a mass you need a _____.
9. Newton's 3rd Law of Motion: For every _____ there is an _____ and opposite reaction.
10. The scale is measuring the _____ of Earth's gravity on the apple's mass.
11. Are the Earth, Solar System, and our galaxy moving right now? _____
12. Everything in the _____ is in motion.
(during the week)