**Name: Date: DUE:**

**Roller Coaster Project**

Names of people in group:

You will be building and experimenting with K’NEX rollers coasters.

**Objective:** By the end of this lesson students will understand the relationships between friction on a system in regard to gravitational potential energy, kinetic energy, velocity, and energy loss.

1. Gather your roller coaster kit.
2. Determine who will be the project manager. (This person will be in charge of organization, cooperation, and time management.)
3. Construct the roller coaster as directed in the K’NEX instructions.
4. Test your roller coaster.