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| Isaac Newton made models to test his ideas and explain his new scientific principles. | |
| **Step 1. In the space below draw a sketch of the project you have been working on.**  **Step 2. Draw a line from the principal of motion to the place on your project drawing above where it occurs.** | **Principles of Motion**   * **Most Potential Energy**. * **Most Kinetic Energy**. * **Acceleration**. * **Circular Motion**. * **Vertical Motion.** * **Linear Motion.** * **Projectile Motion.** |
| **Step 3. Draw ideas to show how you plan to improve your project in the space below.** | Isaac Newton  Sir Isaac Newton, one of the greatest scientists and inventor who ever lived, is the founder of modern science and mathematics. |
| **Step 3. Join your group and build. Remember to listen to ideas from everyone in your group.** |  |

**Marble Club Fall 2018**

**Your Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Cat Eye Marbles have ribbons that look like fan blades inside.** | **Patch Marbles look like a color was brushed on one side.** |
| **Swirl Marbles have swirling ribbons all over the marble.** | **Ringer: players shoot at 13 small marbles from outside the ring.**  **The first to knock out 7 marbles wins.** |