Marble Mania
All moving objects have energy

Which animal is using more energy to move?

Running: 60 mph
Walking: 3 mph
All moving objects have energy

Which animal is using more energy to move?

Running: 60 mph

It takes more energy to move fast.
All moving objects have energy

Which animal is using more energy to move?

Walking: 3 mph

Walking: 3 mph
All moving objects have energy

Which animal is using more energy to move?

The bigger something is, the more energy it takes to move.

Walking: 3 mph
Which marble would roll with the most energy?
Does a small marble have as much energy as a big marble?
Does a slow marble have as much energy as a fast marble?
Today:
What happens when marbles collide?

1. Fast
2. Slow
3. Small hits big
4. Big hits small
5. Two marbles