Toying Around with Energy

Draw a diagram of how a slinky works
Use arrows to show motion

For each of the following stations, sketch, illustrate, and describe where you see motion, forces and energy.

YoYo
Newton's Cradle

Matchbox Car and Ramp
Marbles

When the rubber band is twisted, what is being added to the system?

When the spool racer is let loose on the table, what is transferred to make it move?

What eventually slows down the movement of the spool racer?

Spool Racers

Draw your spool racer and answer the questions.