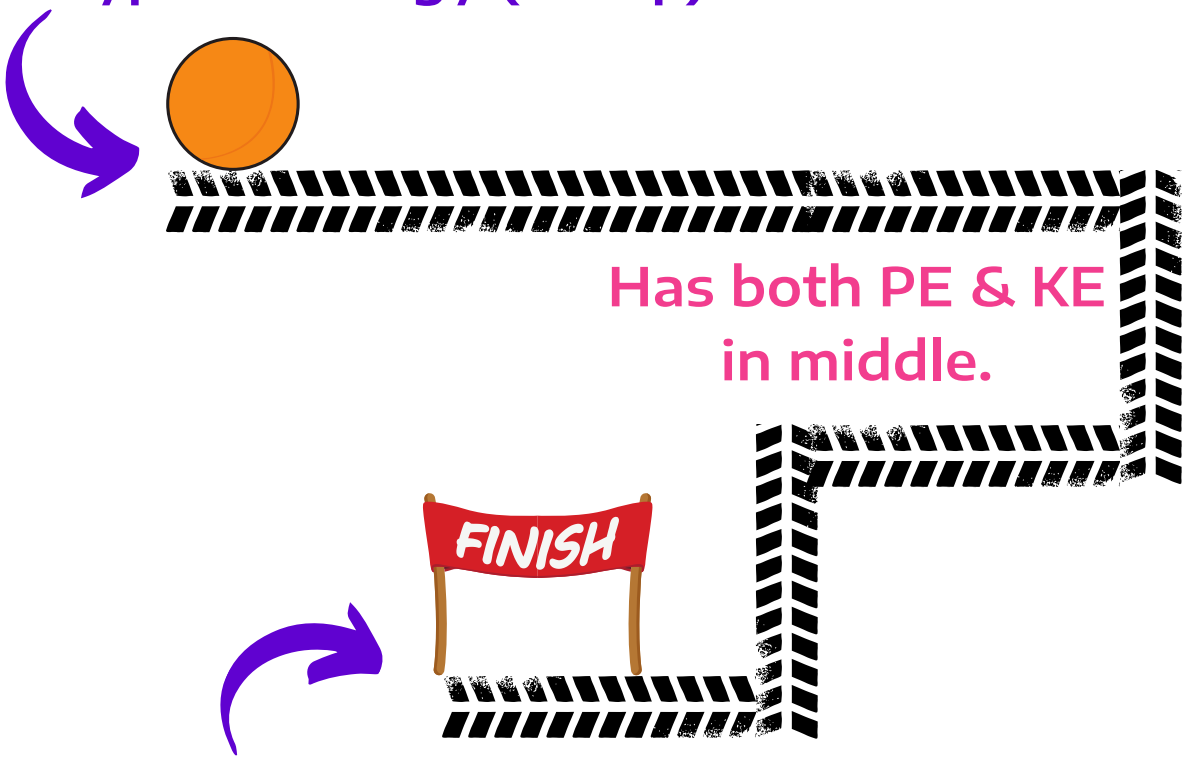
Roller Coaster - Activity Guide

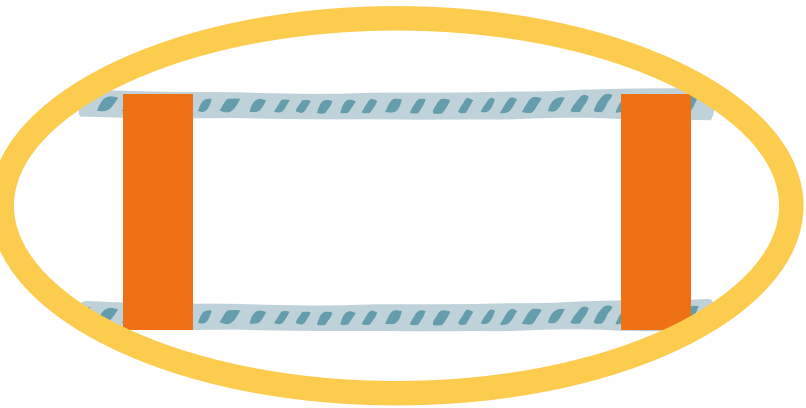
What type of energy (at top)? 100 % Potential Energy



What type of energy (at bottom)?

100 % Kinetic Energy

Circle the correct way to make a track:



Connectors go completely underneath, not in between the straws.

Quiz

1. Why is STIIX-Ville exploring Roller Coasters like this in the first place?

~Every big city needs a good theme park. STIIX-Ville is building one and is looking for a prototype for a signature ride attreaction!

2. What inspired the first Roller Coaster to be built?

~Snow slides in Russia were a big hit. People were paying money to ride them so some smart people wanted to take that concept outside of just a snowy environment.

3. Why are metal Roller Coasters better than Wooden ones?

~Faster, Safer, Stronger, Easier to build, etc.

4. What type of energy does the roller coaster have at the top and the bottom?

Top: Potential Energy Bottom: Kinetic Energy

5. What was the hardest part of building your coaster?

7. What do you think about becoming a theme park engineer in in the future?