Roller coasters

STEAM students spent class time learning about Roller Coasters!

Try your hand at creating a successful roller coaster!
https://tinyurl.com/y27wtmlo

STEAM students investigated Kinetic Energy, Potential Energy and how mass and friction affect the speed of a roller coaster! After several design remakes, each student was able to create a track that would sustain a successful ride that was fun too! Students used loop de loops, drops, and inclines to make a great ride!

Want to ride the FASTEST & TALLEST coaster nearest Peekskill?
KINGDA KA
1 Six Flags Blvd, Jackson Township, NJ 08527

Next week, STEAM students will construct marble roller coasters with the elements and concepts they have learned!

Did you know?
On average your heart rate increases from 89 to 155!
Your heart pumps your blood in the wrong direction.
Your organs lift and float inside your body.
Your body gets pushed backwards even though you are hurling forward!
Your pupils dilate
Your body releases dopamine, adrenaline, and serotonin, which is the “fight or flight” combination.
Your body is preparing you for the stress and danger of the experience!

What happens to your body on a roller coaster?

What is Potential & Kinetic Energy?

HISTORY of Roller Coasters