

# Where is it in the Park?

Follow the clues. Where are you? What are the answers? Will your teacher give you credit for the information? Try your best to find out!!!

- A.** A double-decker example of centripetal force. How long does the ride last? How many times does it go around? What are the revolutions per minute?
- B.** Elevation, elevation, elevation! Slow but steady wins a new destination. How long does the ride last? What distance do you cover? What is the speed of the ride?
- C.** The rodent who runs up the clock may feel right at home zipping up and down on this gravity ride. What are the colors of the cars? Where on the ride is the car moving the fastest? How fast? How does this speed compare with the average speed of the ride?
- D.** Experience free fall here. Where on the ride do you feel “uplifted”? Why?
- E.** A gravity ride that would surely wake up hibernating ursines. Where on this ride would you find potential energy? Exactly how many places?
- F.** A devilishly twisted gravity experience. What is the name of the force that helps you stay in the loop? How does it work?
- G.** Green Arches is the place for me... How long is the ivy-covered archway in paces? (How does that translate to meters?) How long does it take you to run through the arch? To walk through the arch? Which is faster? Prove it.
- H.** Water water everywhere, but watch that first step, it’s a doozy! What kind of friction is present in the ride down the hill? What if the water wasn’t there?