



2016 Great Adventure Scavenger Hunt for Students Not Attending Field trip

Take pictures of the following while at Six Flags Great Adventure and create a video presentation:

1. The object with the highest tangential velocity in circular motion
2. A person in free fall
3. An everyday demonstration of fluid dynamics in a home.
4. A cartoon figure demonstrating a law of physics.
5. Object under tension
6. A physics sign in a language other than English
7. The street legal car with the greatest maximum velocity
8. The animal with the greatest acceleration
9. A teacher that has taught the longest at JPS
10. An everyday example of thermal expansion in a home
11. The world's biggest gumdrop
12. The vehicle that can hold the most passengers
13. An object older than 100 years
14. The most difficult prize to win in a carnival
15. The tallest rollercoaster in the world
16. The average frictional force exerted when skidding tire
17. A cannon causing a projectile motion
18. The slowest angular velocity animal on a merry-go-round
19. An object with a low drag coefficient
20. A sport or game that uses physics to determine the winner

Present the pictures in order in a video or power point presentation. Physics knowledge, music and a sense of humor will improve your grade.

Due one week from our field trip