

Teacher-Made Quiz Question Report

Accelerated Reader®: Monday, 10/20/03, 11:35 AM

E. E. Miller Elementary School

Quiz ID: 1381EN

Title: Roller Coasters or I Had So Much Fun I Almost Puked

Author: Nick Cook

Book Level	Points	Number of Words	Language	Fiction/ Nonfiction	Number of Questions
5.5	2.0	15000	English	NonFiction	10

- 1 Where did the idea for the very first roller coasters come from?
 - * Ice sledding down snow-covered wooden hills in Russia
 - Rolling coal carts down railroad tracks in Pennsylvania
 - Rolling small carriages down tracks in France
 - Riding carriages down from the tops of towers in France

- 2 Where did the first true roller coaster open?
 - * Coney Island, New York
 - Saint Petersburg, Russia
 - Paris, France
 - Coal Mountain, Pennsylvania

- 3 What was wrong with the design of the Flip-Flap roller coaster?
 - * The loop was a circle instead of a teardrop shape
 - The tracks were made of wood
 - The cars jumped off the tracks at high speeds
 - The tracks made so many twists and turns that people became dizzy

- 4 What does the term "woodie" refer to?
 - * Wooden roller coasters
 - Roller coaster designs that wouldn't work
 - A wooden wheel on a steel roller coaster
 - A person who operates a roller coaster

- 5 The term "G forces" refers to . . .
 - * Gravitational forces
 - Guide wheel forces
 - Safety ratings for the roller coaster car
 - Braking forces

* An asterisk indicates the correct answer

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- 6 What is the affect of "G forces" on your stomach?
- * Your stomach is squashed like a ketchup bottle.
Your stomach exands like a balloon.
Your stomach does not feel the affect of G forces.
The liquid in your stomach swirls due to G forces.
- 7 When a roller coaster is at the top of a hill it has . .
- * Potential energy
Kinetic energy
No energy
Acceleration energy
- 8 A coaster can never go as high as it's first drop because
- * friction and drag slow it down.
momentum slows it down.
potential and kinetic energy keep it from going back up.
people don't like too many big hills on a roller coaster.
- 9 Which car on a roller coaster gives more "air time"?
- * Rear car
Front car
Middle car
Second car
- 10 What makes a person feel dizzy on a roller coaster?
- * Liquid in your inner ear sloshes around
G forces squash your lungs flat
The upward and downward motion of the cars
The bumpiness of a wooden track

* An asterisk indicates the correct answer