

ROLLER COASTER OF PHYSICS VOCABULARY

Directions: Select at least 10 CONCEPTS (**highlight** the ones you are using) to include in your project presentation in front of the class. You **DO NOT** need to define any of the words.

1. ACCELERATION (or DECELERATION):
2. ACTION FORCE:
3. AIR RESISTANCE:
4. CENTRIFUGAL FORCE:
5. CENTRIPETAL FORCE:
6. CONVERSION (OF ENERGY):
7. CONSERVATION OF ENERGY:
8. FORCE (BALANCED vs. UNBALANCED):
9. FREEFALL:
10. FRICTION:
11. GRAVITY:
12. INERTIA:
13. KINETIC ENERGY:
14. MASS and/or WEIGHT:
15. MOMENTUM:
16. NEWTON'S FIRST LAW OF MOTION
17. NEWTON'S SECOND LAW OF MOTION
18. NEWTON'S THIRD LAW OF MOTION
19. NORMAL FORCE
20. POSITIVE G's (G-FORCE):
21. POTENTIAL ENERGY (GRAVITATIONAL POTENTIAL ENERGY):
22. REACTION FORCE:
23. UPSTOPS (**MUST** EXPLAIN USING ONE OF **NEWTON'S LAWS**)
24. VELOCITY (or SPEED):
25. WORK:
26. Any other physics related concept that will help you in your presentation.
You should ask for approval first before using.