98-186 Roller Coasters S15   Identification Practice

General: For this assignment, you will practice identifying different aspect of roller coasters, including wood or steel, manufacturer, type, and inversions. This will be done via an online quiz activity. This is **SOLO** work; no collaboration allowed.

Purpose: Roller coaster identification is a useful tool to quickly infer information about a coaster just by looking at a picture or section of the ride. For instance, if you can identify a coaster as a B&M floorless coaster, then you know it is probably a large looping coaster that likely has a vertical loop, zero-G roll, and a cobra roll. Practicing this will reinforce the techniques taught in class.

How To: On the course website (http://www.andrew.cmu.edu/∼jzink/98-186) in the Assignment's tab, follow the link to the activity page. There are four categories. You must complete the quiz for each category and acquire a success code. Submit these success codes via email, as they will confirm you completed the activity.

What You'll Need to Identify:

- Wood or Steel

- Manfacturers: Arrow, Schwarzkopf, Vekoma, B&M, Intamin, GCI, CCI

- Types: Sit-Down, Spinning, Floorless, Stand-Up, Suspended, Inverted, Flying, Wing, 4th Dimension, Bobsled

- Inversions: Vertical Loop, Corkscrew, Cobra Roll, Batwing, Dive Loop, Immelmann, Zero-G Roll, Heartline / Barrel Roll

Things To Note:

- Make sure to answer all questions on the quiz before submitting, since you can only submit once per set of pictures. You may take the quiz as many times as you like.

- The quiz will mark the coasters you mis-identified and give you the correct answer. For manufacturers, it will also give you hints for how to better identify in the future. Please read these over.

- I encourage you to have the lecture slides or notes open while doing the activity as a reference. Please do not however just look up the info on RCDB. For instance, if you see a picture of a coaster and it says "Prowler" on the train, don't go looking up the coaster on RCDB to get the manufacturer.

- The online activity was developed in-house and as such may have a bug or two. If you notice anything weird, please email me letting me know.

Submission: Submit a filled in submission template via email (to jzink@andrew.cmu.edu).

Due Date: 11:59pm March 3rd, or a week later for half credit (but really, this is quick).

Grading: The assignment is worth 100pts. Each success code is worth 25pts, all or nothing.

Above and Beyond: Take the quizzes a few more times. I have done my best to find good pictures of coasters for identifications as well as interesting coaster pictures. You can also go to RCDB and try identifying what you can from random photos on the home screen. This will be difficult because many coasters will be from manufacturers not discuss or be uninteresting kiddie coasters, but you should be able to quickly identify coasters from the manufacturers we discuss.