**Scoring Rubric**

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| Vertical Loops  | 1=5 points | 2=10 points | 3=15 points | 4 = 20 points  |
| Engineering  | Nothing unusual= 0 points | Some novel materials= 3 points | Several novel parts= 6 points | Great deal of novel design = 10 points  |
| Definite Theme | No theme = 0 points | Theme but little follow through = 3 points | Theme throughout ride = 6 points | Theme well done throughout = 10 points  |
| Would attract visitors | Wouldn’t attract visitors = 0 |  |  | Strong attraction = 10 points |
| Can it be constructed? | Very difficult to build = 0 |  |  | Reasonable to build = 5 points |
| “Realistic” Ride | Unrealistic for people = 0 | Would be harsh for people = 1 point | Generally reasonable = 3 points | People would ride safely = 5 points |
| High g-forces  | Blasé ride = 0  | Very minor g-forces = 1 point | 1 good area = 3 points  | >1 area = 5 points |
| Unexpected thrills  | None = 0 | Very minor thrills = 1 point | 1 good one = 3 points | >1 good one = 5 points |
| Would you want to ride it? | Definitely not = 0 | Leaning towards not = 3 points | Leaning towards yes = 6 points  | Definitely yes = 10 points |