

Chart for Segments of Track

Questions to consider:

- How long does it take your car to travel each section of the track?
- (Take the length of each section of track and divide by the speed you estimate the car will be traveling during that section.)
- What is the overall length of the track?
- How long will your ride last?

Segment	Height	Distance	Speed	Segment Time	Total Time
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Overall length of track: _____

Total time of ride: _____

Architect Scoring Guide

	Score	Teacher Comments
The Blueprint		
Established an appropriate scale		
Continuous side view to scale		
Top view to scale		
Track is correctly labeled for speed, time, distance, and forces		
The Artistic Rendition		
3-D view of track		
Added backdrop		
Maintained a scaled perspective		

Overall Score		Average Score	
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Scoring Guide

- 6** - It's a Wild Ride Excellent, top-notch work with flair and creativity
- 4** - It's a Fun Ride Good work of average quality, followed all directions
- 2** - Still Waiting in Line Needs to complete work at a more accurate level
- 0** - Did Not Enter the Park Today No attempt, did not turn in work

