**Oaks Park – Evaluators check sheet**

**Group # Members**

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| **Category** | **Possible** | **Awarded** |
| **Delivery****10 – Fluent sentences, eye contact, concise****8 – Minor detractions – umm, little eye contact****6 – You read to us extensively from your slides OR you are disorganized or unprepared****4 – Little information to give – disorganized, reading****2 – You grunt and mumble, we cannot tell what language you are speaking** | **10** |  |
| **Calculations****20 – Your calculations are all clearly shown with numbers in the formula, and they are all correct. You have indicated the proper units****16 – You don't show your calculations, or you don't show proper units****12 – You make a major error in calculations.** **8 – You don’t calculate anything about your rides.** **4 – It is not clear that you spent the last year studying physics** | **20** |  |
| **Analysis****40 –You are able to correctly compare either (your calculations of centripetal acceleration OR your video analysis curve fit) to your (data from *phyphox*)** **32 – Your comparison is incorrect OR you make errors in the physics of the ride.****24 – No attempt to compare your calculations with anything.****16 – You have no findings to discuss.****8 – You screech like a monkey until we throw bananas at you** | **40** |  |
| **Presentation****20 – A computer projectable presentation that is concise, informative, and not too long – 3-5 slides per ride? The words on the page are not your script – only an outline. It looks nice.****16 –Same as above – but little has been done to polish it so it looks nice.****12 – Many too many words –slides with lots of writing on them. You read what is on your slides to us. Few helpful graphics or pictures.****8 – Your presentation cannot be projected on the computer screen - OR - You read only what is on your slides. They have so much writing on them that everyone ignores you and reads your slides instead.****4 – You bring only a cup of dirt.** | **20** |  |
| **Humor****10 – You make a few stupid jokes, like Murray or Duggan. People chuckle.****8 – Only one joke is attempted – but no one realizes that you are joking****6 – You do a “knock knock” joke but forget the punch line****4 – Serious – way too serious.****2 – You speak in a monotone the entire time. We sleep.** | **10** |  |
| **Comments:** | **Total** |  |

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| Vertical Circle: | Linear Acceleration: | Energy or Wildcard: |