

Question 1	Response 1
Is the best of the 3 run times used to score students or only the last run time?	The run closest to the target time is used for scoring (the best run)
Will you let teams know the dimensions of the competition zip line prior to the competition day? In my opinion this is a really hard event because of all the unknown variables (different materials, times, unknown zip line dimensions) if we could know what the length and angle of the line is prior to the competition it would be really helpful.	No, but there is a range in the event description. Our advice is to encourage the team to think about how to increase/decrease the run time. There will be enough materials to make a cable car and try different things
are other materials allowed to contact the zipline (example pipe cleaner to create friction while still keeping harness unmodified)	no other materials to touch the zipline outside of the hook to maintain consistency and not damage the zipline
What kind of tape? Scotch, Duck or masking?	Scotch tape
Last year, I believe the schedule had younger grades going in the morning and older grades going in the afternoon. Do you know if it will be a similar format? Follow up Q – when will the schedule of events be posted?	Yes, it is ordered by grade. The schedule of events should be available to the head coach
Is there a set number of building materials that will be given for competition that we should practice with or will the number of building materials vary ?	The number can vary
How do we coordinate the pickup of the harness?	That will be with the head coach
How many target times should the kids expect?	A target time won't change within a single session
Are they support to bring their harness built? Or would they have to build it live in the competition? Or would they get it built?	On competition day, no materials are needed to be brought by students
If the event is only 30 minutes, should we plan to be there for the entire 3 hour block? Will we know the schedule in advance for when our students will do their runs so we could potentially arrive later or leave earlier?	It is encouraged to stick around for the award ceremony, if possible. There are open events and other activities during WESO day
I think you said there's 2 minutes between runs to update the cable car, but also that there's 15 minutes to test it after 8 minutes of building. It seems like the time doesn't add up, can you clarify it?	15 minutes is a rough estimation of how long the build phase will take. Students get 8 minutes max to build, and 2 minutes max in-between runs to revise.
What material will the written test cover?	This is included in the Detailed Event Description - Physics concepts for zip line (friction, air resistance, gravity, average velocity)
Are all the students are building their cable cars in the same room at the same time?	There will be 6-8 teams in a room, but will not represent everyone in the competition

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Are there study materials for the written test?	There are examples in the event description, but not additional resources. The test will focus on physics concepts specific to the zip-line, at a level appropriate for 4th and 5th graders.