GRAND PRIX

**Description:** A fun and friendly competition between each student or each group to see which one has the most stable-functioning or fast Donkey Car. In order to motivate the students to do their best, a small award may be given to the best individuals or the best group.

Now that the cars have been built and are ready to go, let’s race them!

Here is a link regarding calibrating your car:

​​<https://docs.donkeycar.com/guide/calibrate/>

**Learning Objective:** Now, after the race, fill in a sheet of paper with the results from the race including time elapsed! List down an issue with your driving performance, and how you would fix it. Is it something to change with the car or your navigation?

Watch a Youtube video of a DonkeyCar race, and take notes on what the cars do well. Now, race again with your newfound knowledge and calculate the difference in time!

**Skills acquired:** good sportsmanship, resilience, persiverity, motivation theory, learning via iteration and mirroring

**Closing Activity:** At the end of the sessions the students must turn in a report with an introduction, content (all of the activities), and their main takeaways. The report will be comprised of a 2-3 minute video and a poster of their work. If the internship is conducted in person, the students will make a poster board and present their donkey car in a science-fair esque closing ceremony. If online, this report will be either directly sent to the instructor or shared in a zoom format.