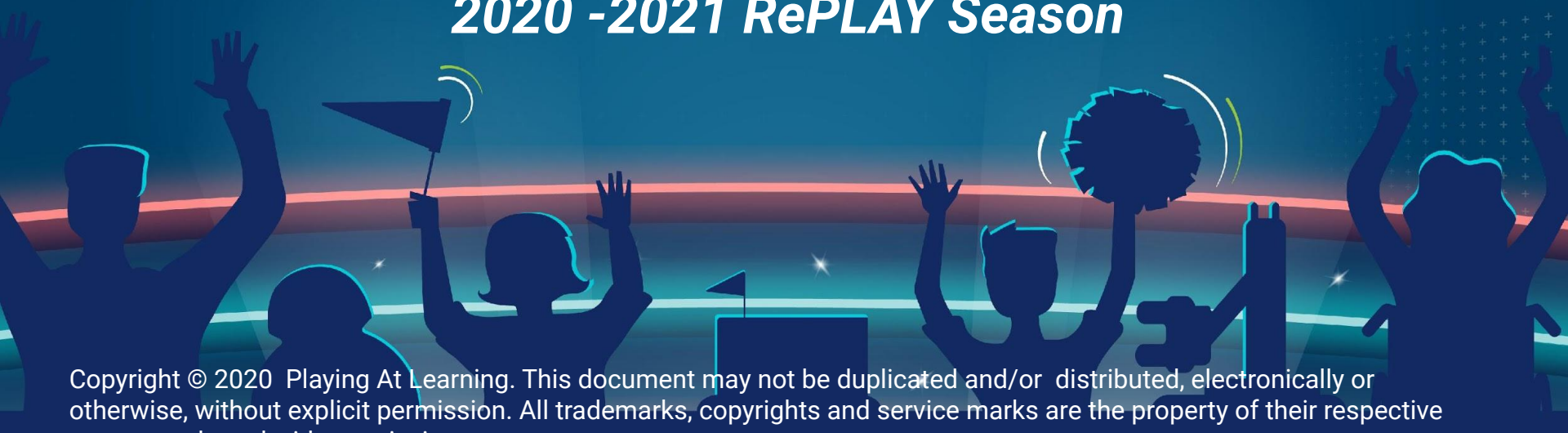


NorCal FLL Challenge

Robot Game Round Guidance

2020 -2021 RePLAY Season



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General Guidelines

- *Fill Your Frame:* Adjust your camera frame to maximize the view of your field. Take up all the space in your camera frame to show your mat and your missions.
- *Youth Faces:* Please make sure that no kids faces are visible in your videos. Face your camera in a downward angle.
- *Recording Position:* We strongly recommend recording the North West corner as it allows the best view of your missions. The South East corner is acceptable too (slide 6 and 7). Use the Compass Rose located on your field mat for orientation.
- *Timer:* Use a BIG digital timer, set it up for 2.5 mins. It should be visible at all times during your match. In our illustrations we used: www.bigtimer.net
- Make sure that all your videos are in LANDSCAPE mode.

Walk Around

This first recording will provide the referees crew a close-up view of your field setup. Move SLOWLY. They will also look your missions build and their position on the mat. We recommend that you demonstrate that the models move or activate as expected. This can be done by hand and it affects M02 (Step Counter), M03 (Slide), M04 (Bench), M05 (Basketball), M11 (Treadmill), M12 (Row Machine), and M13 (Weight Machine).

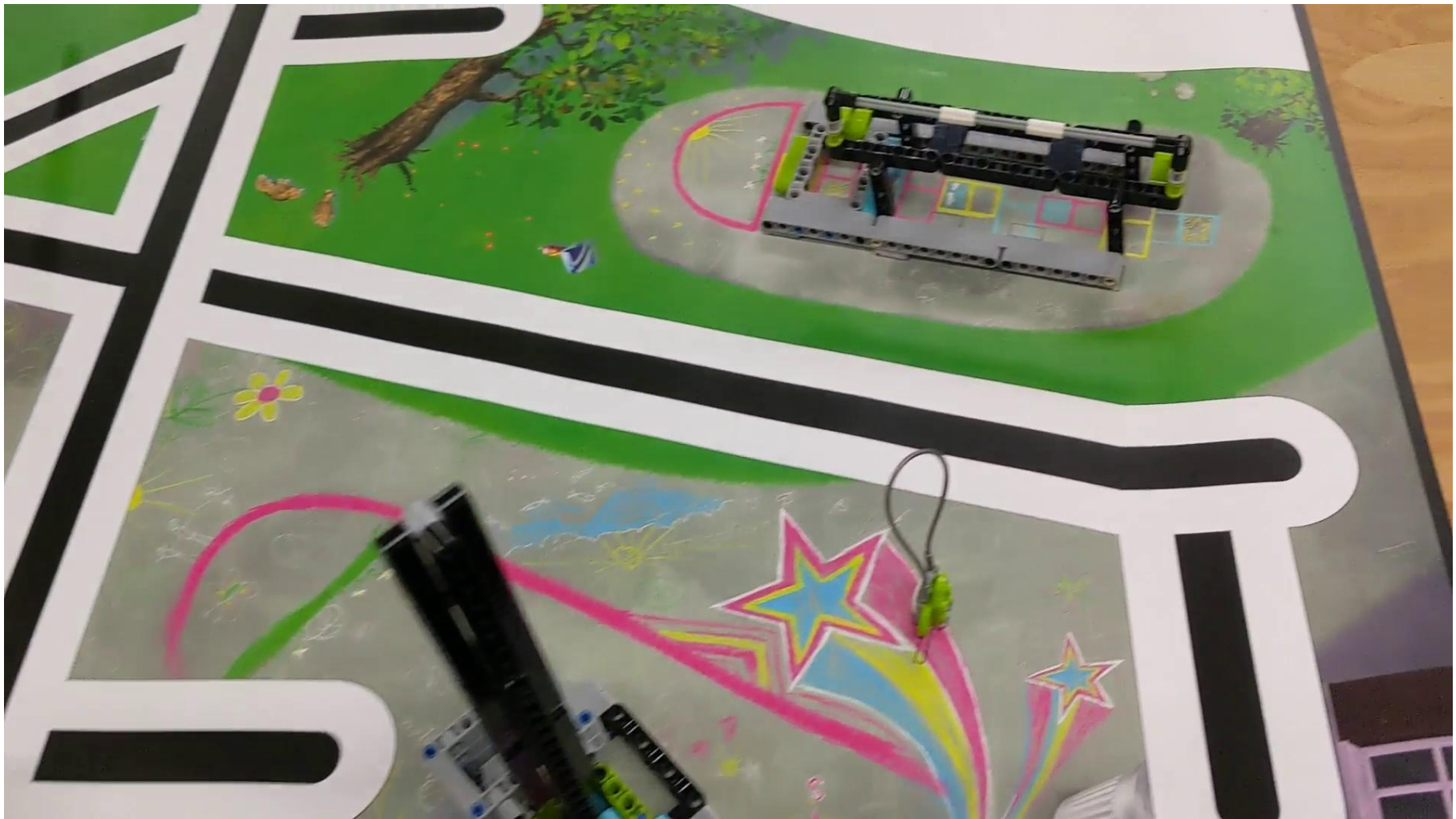
The walk through can take up to one 1 minute maximum.

An walk around video created by PAL staff is provided in the next slide. We know that the mat was not setup correctly, video provided as a demonstration only.

Video Specs



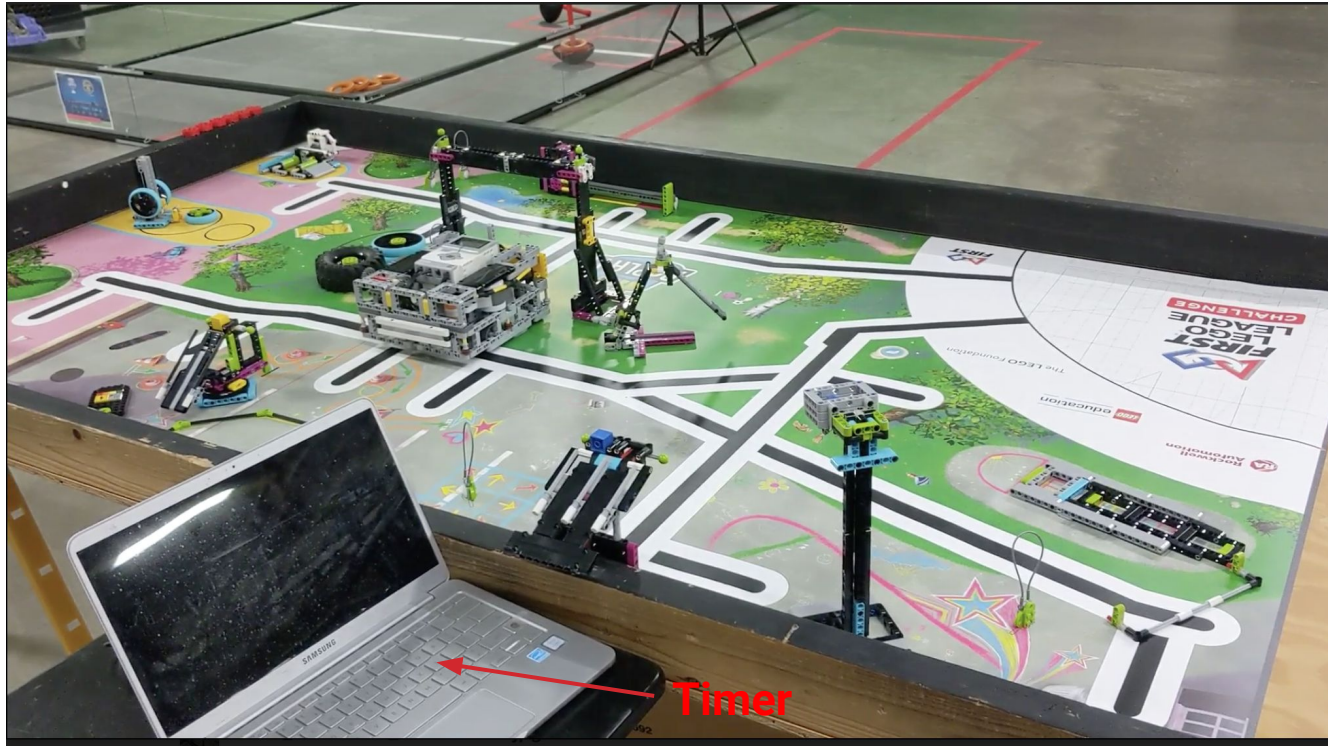
- Upload videos with a maximum resolution 1080p or FHD
- Make sure it is in **.mp4** format
- Do not upload 4K recordings
- Record in landscape



Inspection

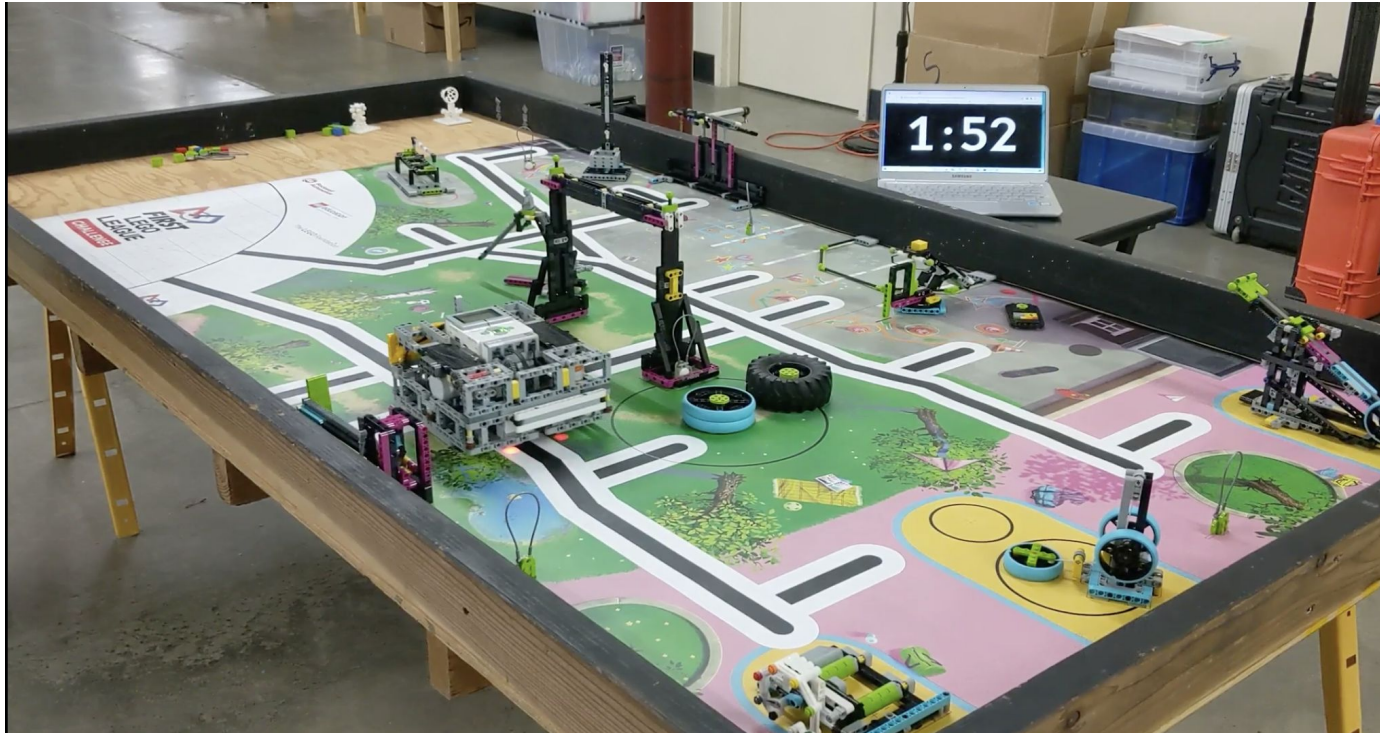
- Pan and show your robot and equipment spread out and sitting still in home.
- Point out your motors, showing there are 4 or fewer.
- Show that the robot and all of the equipment fits in the Large Inspection Area and is under 12" tall. Please use a standard ruler to show the height.
- IF you want the Small Inspection Bonus (M00), show that the robot and all of its equipment (including wires) all fits in the small area and is under 12" tall.
- Show your M01 Innovation Project model if you have one, and please feel free to describe it! Any description of the M01 Innovation Project, or a list of the models accomplished by the team should be voiced by a team member, not an coach or mentor.

Recommended Recording Position: North West



Source: GoPro Camera
Position: North West

Recommended Recording Position: South East



Source: Smartphone Camera
Position: South East

Verbal Countdown

Starting your match: Please provide a verbal countdown when you are about to begin your match, It could be something like 3,2,1, LEGO.

During your match: Make an announcement at the 2min mark, 1 min mark, and count down last seconds 10, 9,3, 2, to 1.

Ending your match: When your robot has stopped because completed all possible missions, or because the match has ended, please say the reason out loud for the camera. Example: “we are done now”, or “the match is over”. Feel free to make you own cheer too.

Any announcements should be voiced by a team member, not an coach or mentor.

End of Match

After announcing that the robot rounds is over, leave robot where it is. Then, move the camera around the field, focusing closely where the team believes it has earned points. Particularly do a pause closely on the Pull Up Bar, Treadmill and Dancing Robot Location.

Please do narrate your successes or misses wherever that would help us. Example: “The bench is down, and there are 3 hopscotch spaces with cubes, but the backrest is still hanging on.”

Any announcements should be voiced by a team member, not an coach or mentor.

Important Reminders

- Tripod is recommended but not a must.
- Camera should remain in the same spot throughout the entire match. Keep camera still, don't zoom in or out during your match.
- Closeups will be done after your robot has completed its last mission.
- Make sure you have plenty of light and minimal shadows.
- ONLY two technicians at the field at once, but ONE person would work too (if needed)
- **Videos have to be unedited, and no pauses.**
- Any description or narration should be voiced by a team member, not an coach or mentor.
- Test your audio.
- Please do not include faces in your videos or kids' team names (nicknames are okay) if possible.

Thank You!

Looking forward to seeing your amazing creativity during our
2020 - 2021 Qualifier Tournaments.



For questions or suggestions email us: fl@playingatlearning.org