

You do not need a tripod or a “real camera.” Taking cell phone video by hand will work. You **do** need:

- plenty of light and minimal shadows
- aiming as needed to avoid things being hidden or unclear
- zoom-out as needed so nothing important is cut off
- Close-ups as needed for small details

Before and after the match, “pan” (**slowly** carry/move the camera around as needed) and zoom as needed to show specific things as required or desired.

During the match, do not pan. Keep the camera still - aimed and zoomed as required.

At all times, keep the camera recording - make a single unedited video of your match - before, during, and after, all in one, with no pauses.

BEFORE THE MATCH

SHOW SET-UP

Pan the entire field setup, including home.

INTRODUCTION

Introduce your team and the date (“Hi, we are the “FLL Team”, and today is January 2”).

INSPECTION

Show your robot and equipment spread out in home.

- Point out your motors, showing there are 4 or fewer.
- Show that it fits in the inspection area and use a ruler to show its height.

DURING THE MATCH

COUNTDOWN

For the start of your match, please provide a verbal countdown.

SOUND

As the robot performs, your play-by-play narration is welcome / encouraged. Tell the camera what that robot is up to! (If you don’t want to narrate, we’d like to just listen to the kids as they do the robot run.)

DON’T MOVE THE CAMERA

The camera should show the whole field and all of home for the entire match. From the direction you think shows your mission action the best, zoom the camera all the way out, then aim it from as high and far away as needed until everything is in view. That will be the unchanging view for the entire match - please do not move or adjust the camera until the match ends.

Camera position tips:

- In most cases, a diagonal view is best (from the northwest or the northeast)
- If the action is balanced across the whole field, you might wish to view from direct north, but that requires the camera to be quite far from the field.
- The more downward the view the better, but a fully vertical “bird’s eye” view is not needed.

END OF THE MATCH

ANNOUNCE MATCH END

When you stop the robot because it has completed all its actions, or because the time is up, please say it out loud (“That is all we are doing”, “Time has run out”, etc.).

SHOW EACH MISSION

Zoom in to each mission model that the robot has interacted with, and hold the camera still for several seconds at each model to clearly show the scoring. Narrate your successes or misses.

STOP THE RECORDING

Stop the video only after showing all the missions where your team might have scored points.