

# **FIRST® LEGO® League**

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### LESSON 7: ALIGNING IN BASE

SESHAN BROTHERS

# WHY ALIGN IN BASE

- Aligning in base helps your robot get a good start
- When you begin your run, consider backing into the wall to straighten out before you head out of base

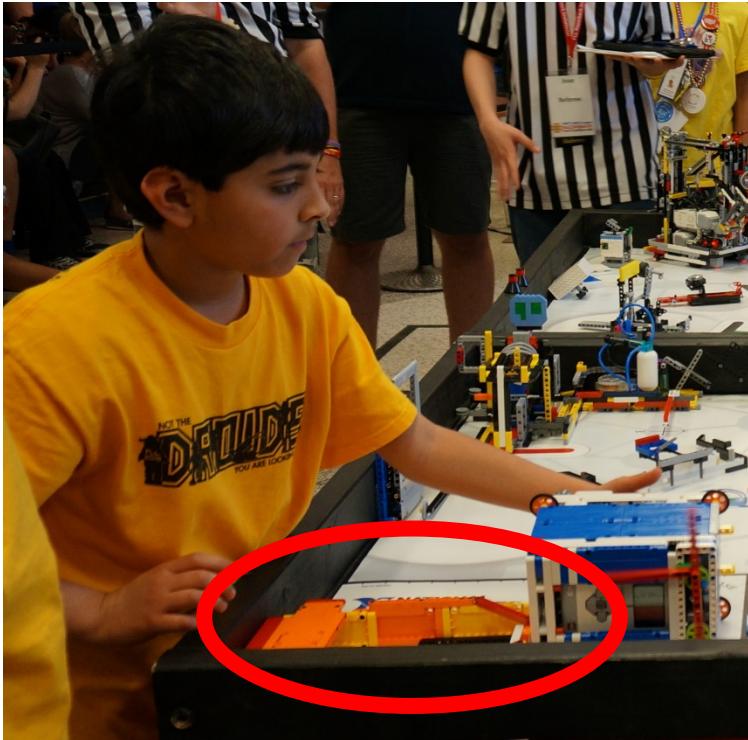


# LINES AND MARKINGS IN BASE



- Notice that base has markings like a grid. Use these to align
- You can also use the text in base to align your robot (eg. at the top of the word *FIRST*)

# JIGS



- Jigs are LEGO guides/rulers that the team places in base
- The robot is pushed against the jig for alignment
- Jigs can be made from any LEGO elements (including Duplo)

# CREDITS

- This tutorial was created by Sanjay Seshan and Arvind Seshan
- More lessons at [www.ev3lessons.com](http://www.ev3lessons.com) and [www.flltutorials.com](http://www.flltutorials.com)



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