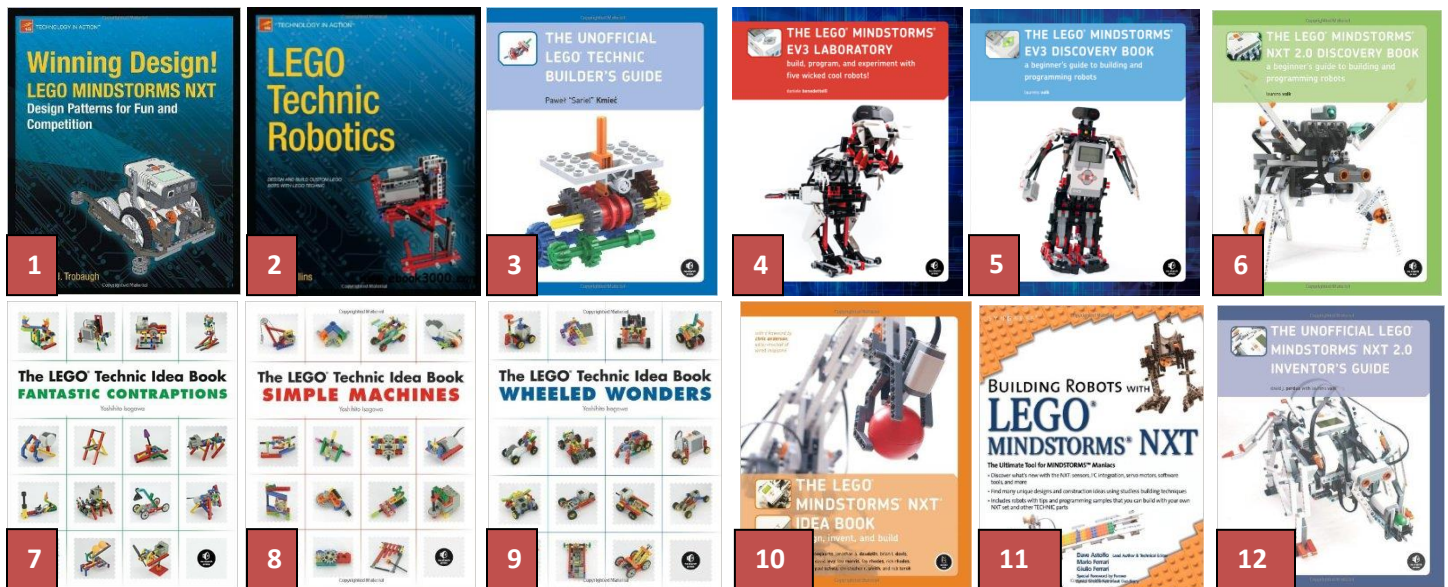


BUILDING ROBOTS FOR FLL: RESOURCES

Books

There are so many great LEGO books out there! Here are a few of the most useful for FLL:



1. Winning Design! LEGO MINDSTORMS NXT Design Patterns for Fun and Competition by Jeffrey Trobaugh
 - Best place to start: it offers an overview of all of the technical aspects, and then offers many tips and building instructions for helpful designs, mechanisms, and programs.
2. LEGO Technic Robotics by Mark Rollins
3. The Unofficial LEGO Technic Builder's Guide by Pawel Kmiec
4. The LEGO MINDSTORMS EV3 Laboratory by Daniele Benedettelli
5. The LEGO MINDSTORMS EV3 Discovery Book by Laurens Valk
6. The LEGO MINDSTORMS NXT 2.0 Discovery Book by Laurens Valk
7. The LEGO Technic Idea Book: Fantastic Contraptions by Yoshihito Isogawa
8. The LEGO Technic Idea Book: Simple Machines by Yoshihito Isogawa
9. The LEGO Technic Idea Book: Wheeled Wonders by Yoshihito Isogawa
 - This series of books consists of pictures and simple graphic instructions on how to build various mechanisms. Great for exploring new ideas and combinations of pieces, but will take some work to incorporate into a robot design.
10. The LEGO MINDSTORMS NXT Idea Book by Martijn Boogaarts
11. Building Robots with LEGO MINDSTORMS NXT by Mario Ferrari
12. The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide by David J. Perdue

You can find some of these books online for free. Some are available through Google Books. I've also found a few through Safari Books Online. Although you would have to purchase a subscription to have full access, you can sign up for a free month-long trial to check out their resources first.

