

10 Ideas for Learning How to Program Using NXTG

1. If you have the LEGO Mindstorms Education version of NXTG, work through the examples in the Robot Educator tutorial. (right)
2. Try out each of the blocks varying the settings in the configuration panel to learn what they do.
3. Read the help files that come with NXTG.
4. Look at programs others have written and try to understand them. There are lots of programs on the web and in books. Check out nxtprograms.com
5. Learn another programming language. Much of what you learn is transferable.
6. Ask questions of others. Don't know anyone who knows NXTG? Post a question on a forum. FIRST Forum has a sub forum on programming. There are others too.
7. Learn from other team's websites. Here is an example: [Lego Guards Explain Line Following](#)
8. Watch [ORTOP's NXTG Video Tutorial](#)
9. Purchase a curriculum such as Carnegie Mellon's [NXT Video Trainer](#).
10. Look for summer camps offered in your area that teach robotics and/or programming.



“Looking back on my computer engineering coursework, perhaps the most critical skill professors helped me develop was learning to teach myself. Because technology changes so quickly, it’s something I do every day”.

- Rylan Barnes, winner of Google’s 2008 Android Developer Challenge for ShopSavvy App
Read full article in [Texas A&M Engineering News](#) .