

# LEGO NXT

# REFERENCES

## CONSTRUCTOPEDIAS

These are resources covering construction and design basics - the mechanics of how LEGO works, and some helpful tips on how to solve common building problems.

- **LEGO Engineering** - NXT Constructopedia (PDF):  
<http://www.legoengineering.com/nxt-constructopedia/>
- **LEGO Education** - Gears & Pulleys:  
<http://education.lego.com/en-us/preschool-and-school/secondary/11plus-machines-and-mechanisms/constructopedia>

## PROGRAMMING TUTORIALS

These are some excellent video tutorials and references for using the LEGO NXT Programming suite.

- **STEMcentric NXT Tutorials** (I highly recommend this resource!) - Essentials & Advanced (videos):  
<http://www.stemcentric.com/nxt-tutorial/>
- **LEGO Engineering** - NXT Parts and Programming Overviews (PDF):  
<http://www.legoengineering.com/wp-content/uploads/2013/06/download-tutorial-pdf-2.4MB.pdf>
- **FIRST LEGO League** (meant for FLL coaches, but a good overview and reference source) - NXT Programming reference (PDF):  
<http://firstlegoleague.org/sites/default/files/Challenge/TeamResources/SeniorSolutions/2012Programming1.pdf>