ARX-SSB

ARX Student Book

ARX STEM Curriculum Components

ARX-SSB Student Book

ARX-SSBL Student Book, Single-User License

ARX-STSSP ARX Student Self-Study Package

ARX-TP1 Teacher Pack, Single-User License

ARX-TPLAB Teacher Pack, Multiple-User License

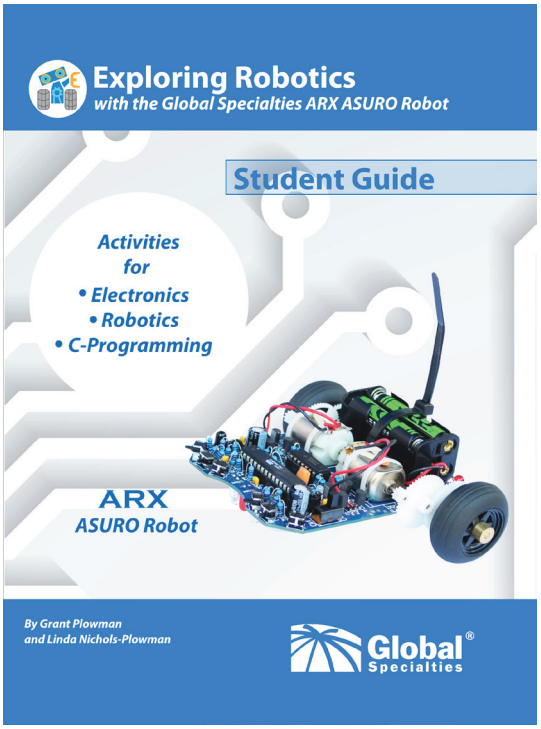
ARX-TLKT ARX Robot Tool Kit

ARX-BBKT ARX Starter Breadboard Kit

ARX-PARTS ARX Robot Spare Parts

PRO-50A Handheld Digital Multimeter

GSK-109 ARX Robot Soldering Practice Kit

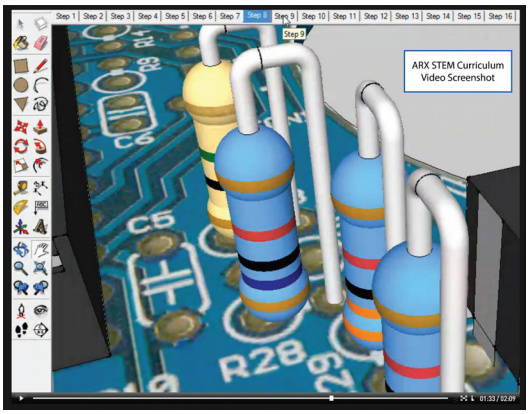


Overview

For use with the ARX STEM Video Based Curriculum, this is a 320 page student text book (without access to the online instruction). Use this option when you need hard-copies of the book available for students while-using a school license for online access (ARX-TPLAB). For both the text book and online access, order ARX-SSBL.

Topics Include

- Overview of the ARX STEM Curriculum
- Getting to know the ARX ASURO Robot
- Learning to think and act like an engineer
- Prototyping with breadboards
- Soldering PC boards
- Power supply, status, collision detection, motor control, encoder, line following, micro controller, and IR com link circuits.
- Step-by-step assembly instructions
- Test procedures
- Introduction and essentials of C programming
- Program uploading guide
- Sample programs
- Line following competitions
- Collision detection competitions



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