

ARX-SSBL

ARX STUDENT BOOK, SINGLE-USER LICENSE

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

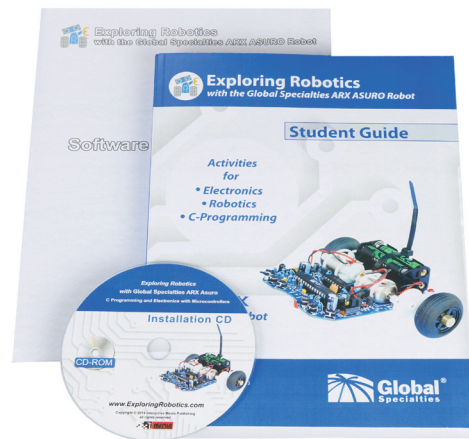
ARX-TLKT ARX
Robot Tool Kit

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 student text book with a single-user license giving you full access to the online video instruction. Ideal for independent learning and hobbyists.

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

