

ARX-TP1

ARX TEACHER PACK SINGLE-USER LICENSE

ARX-TP1 Includes

177 pg Teacher Book

320 pg Student Book

Software Installation
Guide with CD

Online Access to ARX
STEM Curriculum
including teacher
answer keys



Teacher Book Topics Include:

- Preparing for Day One
- Overview of software requirements
- Overview of material and tool requirements
- Scope and sequence
- Activity list with estimated times
- Suggested schedule for 15 weeks (3 hours per week)
- Suggested schedule for 10 weeks (5 hours per week)
- Assessment methods
- Learning objectives
- A script of the online video component for each of the 40 lessons

Overview

For use with the ARX STEM Curriculum, this is a teacher package with a single-user license to the online video content including teacher answer keys. For multiple-user licensing, please order the ARX-TPLAB.

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Other ARX STEM Products

ARX-SSBL Student
Book, Single-User
License

ARX-TP1 Teacher
Pack, Single-User
License

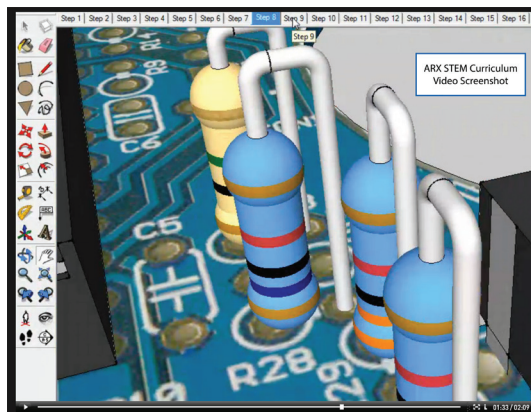
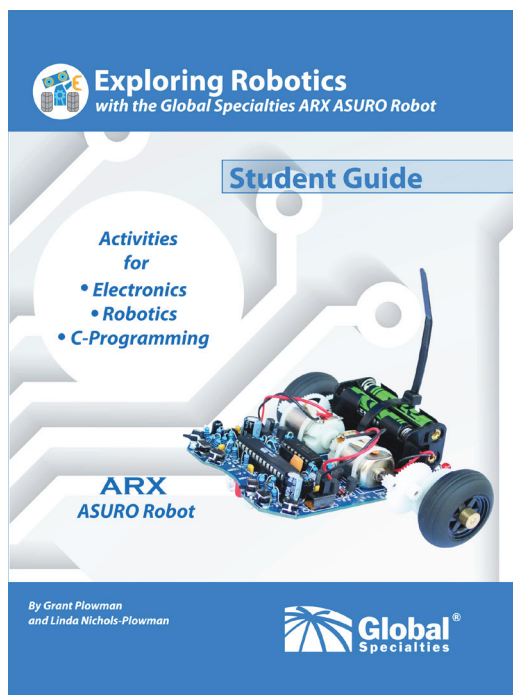
ARX-TPLAB Teacher
Pack, Multiple-User
License

ARX-TLKT ARX
Robot Tool Kit

ARX-BBKT ARX
Starter Breadboard
Kit

PRO-50A Handheld
Digital Multimeter

GSK-109 ARX Robot
Soldering Practice Kit



Student Book 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

Mouser Electronics

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