

ARX-TPLAB

ARX TEACHER PACK MULTIPLE-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



Overview

For use with the ARX STEM Curriculum, this is a teacher package with a site license giving online access to every student at your school.

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

ARX-TPLAB

ARX TEACHER PACK MULTIPLE-USER LICENSE

Other ARX STEM Products

ARX-SSBL Student
Book, Single-User
License

ARX-TP1 Teacher
Pack, Single-User
License

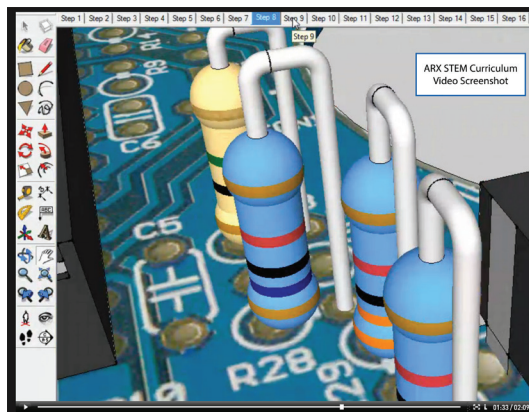
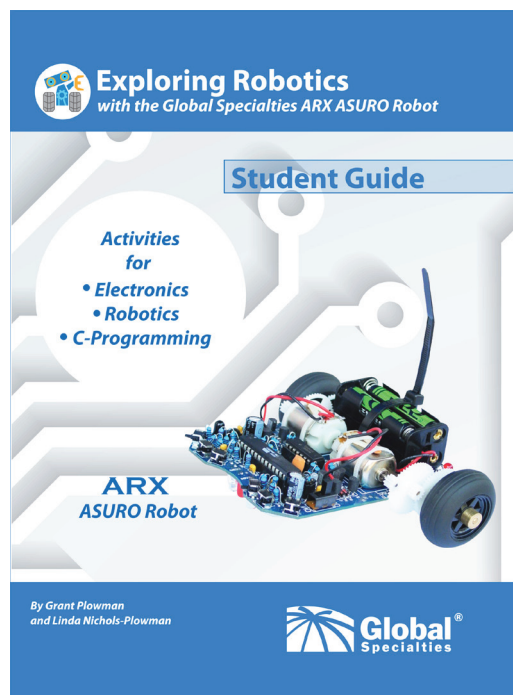
ARX-TPLAB Teacher
Pack, Multiple-User
License

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