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 inlcuding 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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Innovative Training Solutions

globalspecialties.com

ARX-TP1

ARX Teacher Pack
Single-User License

Other ARX STEM Products

ARX-SSBL Student Book, Single-User License
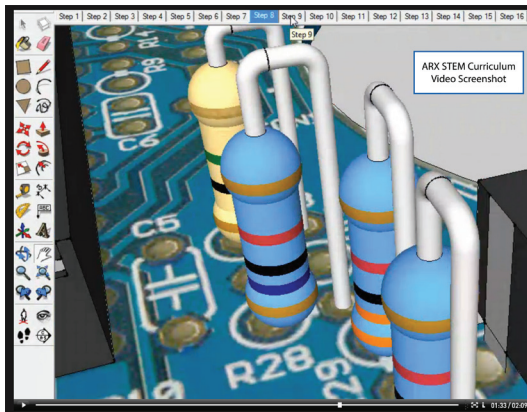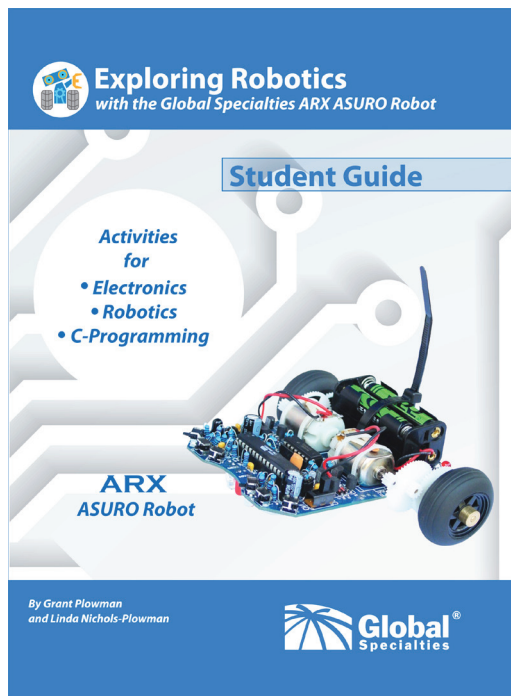
ARX-TP1 Teacher Pack, Single-User License

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

Exploring Robotics with the Global Specialties ARX ASURO Robot

Student Guide

Activities for
• Electronics
• Robotics
• C-Programming

ARX ASURO Robot

By Grant Plowman and Linda Nichols-Plowman

Global Specialties®

ARX STEM Curriculum Video Screenshot

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**

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