ARX-STSSP

ARX STUDENT SELF-STUDY PACKAGE

ARX-STSSP Includes

ARX ASURO Robot

ARX-TP1 Teacher Pack, Single-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

Other ARX STEM Products

ARX-SSB Student Book

ARX-SSBL Student Book, Single-User License

ARX-TPLAB Teacher Pack, Multiple-User License

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

Overview

The ARX-STSSP is a complete package of our ARX STEM Video Based Curriculum for one self-study student. It includes everything the student will need to build a robot and follow the curriculum.

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