

ARX-STSSP

ARX STUDENT SELF-STUDY PACKAGE

ARX-STSSP Includes

ARX ASURO Robot

ARX-SSBL Student
Book, 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-TP1 Teacher
Pack, 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.