

MECCANO™

ENGINEERING & ROBOTICS
EDUCATION



Spin Master Inc. www.meccano.com/watch?vid=31

www.meccano.com/watch?vid=80

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Meccano Education Software is designed to be user friendly and promote self-learning. It includes 3 levels of control:

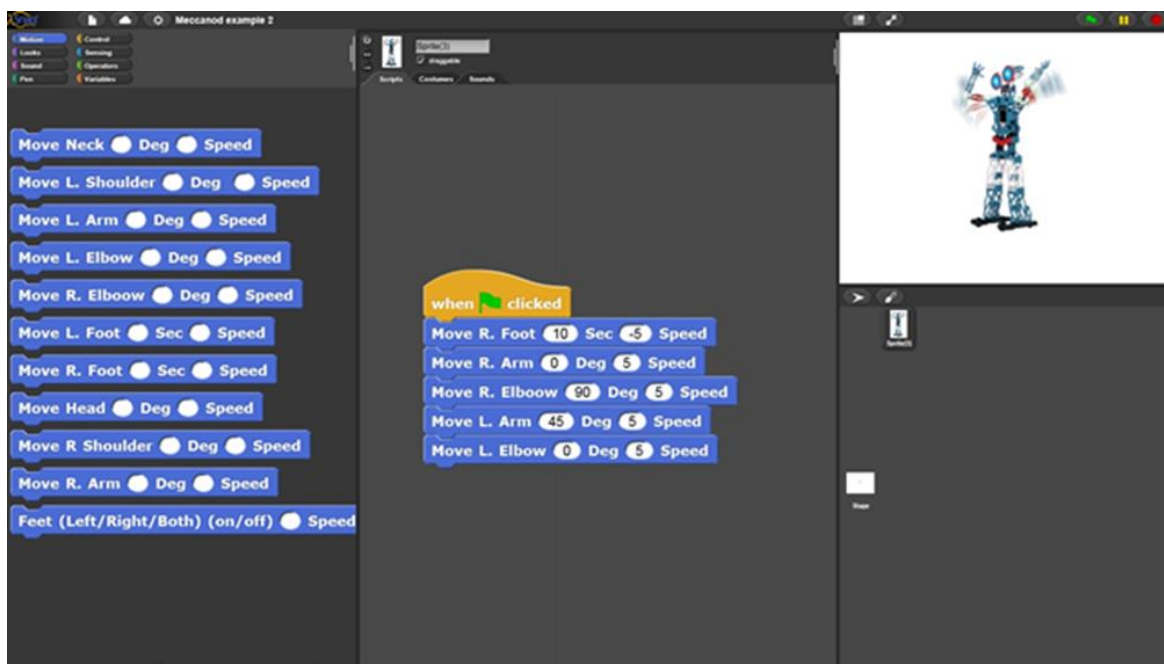
1. Immediate Control
2. Automatic Control
3. Interactive Control with feedback control using sensors

The Learning Process allows for student-driven associative learning through experiments, as well as Project Based Learning (PBL).

It aims to prepare students to interact with new robotics technology by enhancing key learning skills & competencies, including:

- Creativity
- Collaboration & Teamwork
- Cooperative Learning
- Communication

Sample view of Meccano Education Software:



For more information visit:

Spin Master Inc. www.spinmaster.com / Meccano www.meccano.com

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Meccano Education is a unique and powerful learning environment centered on the Meccanoid XL 2.0 Robot.

Integrating the Meccanoid XL 2.0 humanoid robot as a learning tool creates a substantial educational advantage, strengthened by STEAM principles.

The Meccano Education kit includes:

1. A Meccanoid XL 2.0, 4ft. (122 cm.) part kit that features innovative artificial intelligence to control behavior, including:
 - Learned Intelligent Movement (L.I.M.) technology
 - Voice Recognition
 - Behavior Builder (flow chart programming) using Meccanoid App
 - On-Screen Ragdoll Mode using Meccanoid App
2. MES* (Meccanoid Education Software) – **NEW!**
3. Teacher Guides and Student Activities* for three levels:
 - 5th – 6th Grade; 7th – 8th Grade; 9th Grade or Higher



**MES and corresponding Learning & Teaching Materials developed by:*
IDEA Center (Since 1987) Developing & implementing innovative
and updated STEM learning environments
Dr. Nira Krumholtz -- Founder & Head of IDEA Center