

Scope and Sequence: 30-Hour Option

Activity	Description	Hours
Getting Started	LEGO® Education WeDo 2.0 Getting Started Activities	2
Activity 1	Introduction	0.25
Activity 2	Glowing Snail	0.25
Activity 3	Milo the Science Rover	0.5
Activity 4	Milo's Motion Sensor	0.5
Activity 5	Milo's Tilt Sensor	0.5
Guided Experience	Engineering Notebook: Sessions 1-12	12
Session 1	Explore Challenge and Build Ideas	1
Session 2	Heart Game and Cooling Fan	1
Session 3	Treadmill and Moving Satellite	1
Session 4	Combine Models and Spy Robot	1
Session 5	Cooling Fan and Heart Game	1
Session 6	Moving Satellite and Treadmill	1
Session 7	Spy Robot and Combine Models	1
Session 8	Code Model and Build Motor & Hub	1
Session 9	Build and Code Team Model	1
Session 10	Create Plan and Design Team Poster	1
Session 11	Create and Finish Team Poster	1
Session 12	Prepare to Share and Get Ready for Event	1
Festival	Present Team Model and Team Poster	2
Continue Skill Growth	WeDo 2.0 Projects (Choose 5 projects below)	14

LEGO Education WeDo 2.0 Guided Projects (3 Hours Each)

Pulling	Speed	Robust Structures	Frog's Metamorphosis
Plants and Pollinators	Prevent Flooding	Drop and Rescue	Sort to Recycle