



DISCOVER



Scope and Sequence: 10-Hour Option

Activity	Description	Hours
Guided Experience	Engineering Notebook: Sessions 1-10	10
Session 1	Let's Get Moving	1
Session 2	Let's Get Playing	1
Session 3	Let's Get Problem-Solving	1
Session 4	Let's Get Climbing	1
Session 5	Let's Play a Game	1
Session 6	Let's Use Ramps	1
Session 7	Let's Improve	1
Session 8	Let's Be Innovative	1
Session 9	Let's Get Connected	1
Session 10	Celebration Event	1



DISCOVER



Scope and Sequence: 20-Hour Option

Activity	Description	Hours
Getting Started	LEGO® Education STEAM Park Lessons	1.5
Activity 1	Functional Elements	0.5
Activity 2	Welcome to STEAM Park	0.5
Activity 3	Gears	0.5
Guided Experience	Engineering Notebook: Sessions 1-10	10
Session 1	Let's Get Moving	1
Session 2	Let's Get Playing	1
Session 3	Let's Get Problem-Solving	1
Session 4	Let's Get Climbing	1
Session 5	Let's Play a Game	1
Session 6	Let's Use Ramps	1
Session 7	Let's Improve	1
Session 8	Let's Be Innovative	1
Session 9	Let's Get Connected	1
Session 10	Celebration Event	1
STEAM Learning	LEGO® Education STEAM Park Lessons	8.5
Activity 1	Ramps	0.5
Activity 2	Moving on Water	0.5
Activity 3	Probability	0.5
Activity 4	Performing Arts	0.5
Activity 5	Chain Reaction	0.5
Activity 6	Make a Fun Cannon Game	0.5
Activity 7	Make a Machine to Help Mr. Bear	0.5
Activities 8-14	Additional Maker Lessons	5



DISCOVER



Scope and Sequence: 25-Hour Option

Activity	Description	Hours
Getting Started	LEGO® Education STEAM Park Lessons	1.5
Activity 1	Functional Elements	0.5
Activity 2	Welcome to STEAM Park	0.5
Activity 3	Gears	0.5
Guided Experience	Engineering Notebook: Sessions 1-10	10
Session 1	Let's Get Moving	1
Session 2	Let's Get Playing	1
Session 3	Let's Get Problem-Solving	1
Session 4	Let's Get Climbing	1
Session 5	Let's Play a Game	1
Session 6	Let's Use Ramps	1
Session 7	Let's Improve	1
Session 8	Let's Be Innovative	1
Session 9	Let's Get Connected	1
Session 10	Celebration Event	1
STEAM Learning	LEGO® Education STEAM Park Lessons	8.5
Activity 1	Ramps	0.5
Activity 2	Moving on Water	0.5
Activity 3	Probability	0.5
Activity 4	Performing Arts	0.5
Activity 5	Chain Reaction	0.5
Activity 6	Make a Fun Cannon Game	0.5
Activity 7	Make a Machine to Help Mr. Bear	0.5
Activities 8-14	Additional Maker Lessons	5
Playful Learning	LEGO® Foundation Six Bricks Activities	5

LEGO Foundation Six Bricks Activities

Brick Breaks (2 Hours)		Games (1.5 Hours)	Team Challenges (1.5 Hours)	
<ul style="list-style-type: none"> • Can You Remember? • Back to Back • Sorting 	<ul style="list-style-type: none"> • Patterns • Can You Copy? • Kim's Game • Sammy Snake 	<ul style="list-style-type: none"> • Cover It • Double or Half • Skip Count • What is It? • Play Now 	<ul style="list-style-type: none"> • Tall Tower • Two-Stud-Trick • Build the Picture • More Cube Fun 	<ul style="list-style-type: none"> • Build a Bridge • Hanging Around • Communication House



DISCOVER



Scope and Sequence: 35-Hour Option

Activity	Description	Hours
Getting Started	LEGO® Education STEAM Park Lessons	1.5
Activity 1	Functional Elements	0.5
Activity 2	Welcome to STEAM Park	0.5
Activity 3	Gears	0.5
Guided Experience	Engineering Notebook: Sessions 1-10	10
Session 1	Let's Get Moving	1
Session 2	Let's Get Playing	1
Session 3	Let's Get Problem-Solving	1
Session 4	Let's Get Climbing	1
Session 5	Let's Play a Game	1
Session 6	Let's Use Ramps	1
Session 7	Let's Improve	1
Session 8	Let's Be Innovative	1
Session 9	Let's Get Connected	1
Session 10	Celebration Event	1
STEAM Learning	LEGO® Education STEAM Park Lessons	8.5
Playful Learning	LEGO® Foundation Six Bricks Activities	5
STEM Learning	FIRST @ Home Lessons (listed at bottom)	10

LEGO Foundation Six Bricks Activities

Brick Breaks (2 Hours)		Games (1.5 Hours)	Team Challenges (1.5 Hours)	
<ul style="list-style-type: none"> • Can You Remember? • Back to Back • Sorting 	<ul style="list-style-type: none"> • Patterns • Can You Copy? • Kim's Game • Sammy Snake 	<ul style="list-style-type: none"> • Cover It • Double or Half • Skip Count • What is It? • Play Now 	<ul style="list-style-type: none"> • Tall Tower • Two-Stud-Trick • Build the Picture • More Cube Fun 	<ul style="list-style-type: none"> • Build a Bridge • Hanging Around • Communication House

FIRST @ Home Lessons

Core Values Activities (1.5 Hours)	Coding Activities (1.5 Hours)	Design and CAD Activities (1.5 Hours)
Simple Machines Activities (1.5 Hours)	Engineering Design Activities (1.5 Hours)	Capstone Activities (2.5 Hours)