

Betsie Valley District Library STEM Kits Table of Contents

STEM KIT #	STEM Kit Name	Description	Rec. Ages	Box Size
1	Rock, Mineral & Fossil Discovery Collection Activity Kit	Find, sort & identify over 250 colorful specimens using identification book and sheet.	3 +	S
2	Botley 2.0	Learn to code with screen free play!	5+	S
3	Squishy Human Body	Discover how the human body works with realistic model.	8+	L
4	Robot Turtles	Board game that teaches basic programming principles.	4+	M
5	Pattern Play	Introduces patterns and spatial and geometric concepts.	3+	L
6	Square Up	2 Player vicual thinking game that strengthens logic, focus, and problem solving skills.	6+	M
7	Staxis	Fun way to learn planning, calculated risk taking, hand-to-eye coordination, and special awareness.	6+	S
8	Snap Circuits, Jr	Build 100+ electronics circuit projects.	8+	L
9	Wooden Marbles Building	Create 100s of unique constructions.	3+	S
10	Tumble Trax Marble Run	Children create daredevil designs with magnetic foam tracks and send plastic marbles through their course.	5+	M
11	QBitz Game	Game that stimulates spatial reasoning and memory skills, 2-4 players.	8+	M
12	Quirkle	Many family games across ages using 36 colorful wooden tiles to build tactical and strategic thinking skills.	6+	S
13	Likee Wooden Pattern Blocks	Multiple Shapes stitching to cultivate geometric cognition.	3+	S
14	Makey Makey	Connect everyday objects to your computer! Mac/PC/Chromebook	8+	S
15	Zoomy 2.0	Egg-shaped microscope maginifies anything 54X on a computer screen.	4+	S
16	Arckit Mini Modern	Build your own contemporary modern home.	10+	M
17	Keva Contraptions 200 Planks	Hands-on experience with balance, leverage, geometry and physics	7+	L
18	Keva Contraptions 200 Planks	Hands-on experience with balance, leverage, geometry and physics	7+	L
19	Dive Into Shapes	Gain a deeper understanding of geometry basics with colorful shape building	3+	L
20	Shapino	Introduction to the open source Arduino hardware-software coding	12	M
21	Keva Contractions 50 Planks	Hands-on experience with balance, leverage, geometry and physics	5+	S

Betsie Valley District Library STEM Kits Table of Contents

Supply Kit:

Batteries:

- 5 AAA for Botley
- 1 9V batter for Snapino
- 1 9V Little Bits Arduino Coding Kit (included)
- 2 AA Snap Circuit Jr.

Tools

- Small Phillips head screwdriver to open/close batter compartments
- Digital Multi-meter (to check batteries and circuits)

Betsie Valley District Library STEM Kits Table of Contents