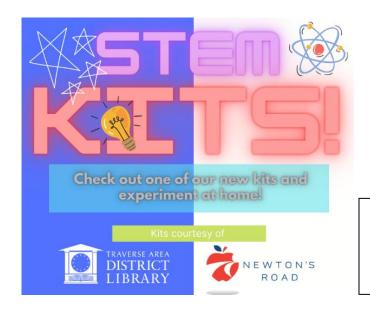
# **Betsie Valley District Library**

## **STEM KITS**

## **NOW AVAILABLE FOR CHECK OUT!**

- Please DO NOT open kits in the Library
- Look in the STEM Binder for information & to see all kits the BVDL has to offer
- Take your selected kit to the front desk for check out
- Check out is one (1) week with a one (1) week renewal option
- You can also read about & reserve kits online at www.betsievalleydistrictlibrary.org





This project was made possible in part by the Institute of Museum and Library Services.

## **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 +	VS
2	Botley 2.0	Learn to code with screen free play!	5+	S
		Discover how the human body works		
3	Squishy Human Body	with realistic model.	8+	L
	,	Board game that teaches basic		
4	Robot Turtles	programming principles	4+	М
	Pattern Play	Introduces patterns and spatial and		
5	-	geometric concepts.	3+	L
		2 Player visual thinking game that strengthens		
6	Square Up	logic, focus and problem solving skills.	6+	M
7	Staxis	Fun way to learn planning, calculated risk taking, hand-to-to eye coordination, and special awareness.	6+	S
8	Snap Circuits, Jr.	Build 100+ electronics circuit projects.	8+	L
9	Wooden Marbles Building	Build 100s of unique constructions.	3+	S
10	Tumble Tax 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+	vs
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 stitch to cultivate geometric cognition.	6+	VS
14	Makey	Connect everyday objects to your computer! Mac/PC/Chromebook	8+	VS
15	Zoomy 2.0	Egg-shaped microscope magnifies anything 54X on a computer screen.	4+	S
16	Arckit Mini Modern	Build your own contemporary modern home.	10+	М
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
	2.100 0.10 pc0	Introduction to the open source Arduino		_
20	Shapino	hardware-software coding.	12+	М
		Hands-one experience with balance,		
21	<b>Keva Contractions 50 Planks</b>	leverage, geometry and physics.	5+	S

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22	Blokus	Stake your claim and protect your territory with the Blokus™ game!	7.	S
23	Vehicle Building Center	Engineer and build one-of-a-kind vehicles!	3+	L
24	Turn and Learn Magnetic Gears	Use gears onto any magnetic surface, slide them together, and turn one of the built-in handles to set the whole creation in motion.	3+	L
25	Motion Discovery Tubes	The clear-view tubes for children to explore speed, friction, and flow.	3+	L
26	Active Play STEM Kit	Children learn about STEM concepts including force, weight and balance!	3+	XL
27	Bee-Bot Programmable Floor Robot	Bee-Bot is a programmable floor robot, ideal for teaching children control, directional language, and programming!	3+	S
28	Leap Frog 100 Animals Book	Join all the animals and explore their habitats and new vocabulary in the 100 Animals Book.	18 mos.+	Bag
29	Leap Frog 100 Words Book	Meet learning friends Turtle, Tiger and Monkey who will introduce more than 100 age- appropriate words chosen by learning experts	18 mos.+	Bag
30	GeoSafari SeaScope	Use the SeaScope to look in streams, ponds, lakes, and tide pools. Sealed LED light and 5X magnification will let you explore underwater worlds.	7+	Bag
31	GeoSafari Talking Microscope	Talking Microscope, Science Toy for Kids Ages 3+ Spark more curiosity with the GeoSafari Jr. Talking Microscope! 20 pre-prepared slides each feature 3 full-color, high quality images for a total of 60 plants, animals, & household items to study.	3+	Bag
32	Laser Maze	Think Fun Laser Maze (Class 1) Brain Game and STEM Toy for Boys and Girls Age 8 and Up – Award Winning and Mind Challenging Game for Kids	8+	Bag
33	Wondertoys Body Magnet	Wooden Human Body Magnetic Puzzle: Learn about the human body. Contains 90 pieces.	6+	Вох

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#### **Supply Kit:**

#### **Batteries:**

- 5 AAA for Botley
- 1 9Vbattery for Snapino
- 19V Little Bits Arduino Coding Kit (Included)
- 2 AA Snap Circuit Jr.

#### **Tools:**

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