

Try It Yourself (TIY) Kits

Try It Yourself (TIY) Kits give children needed exposure to hands-on experiences. These experiences build both confidence and interest in science, technology, engineering, arts and math (STEAM). By having these kits available for check out at the library, we are creating portable learning experiences that build upon skills in an engaging way.

Alphabet Fun (3-6 year olds)

- 3 Board Books
- Alphabet Puzzle
- Alphaprints Workbook
- Magnetic letters
- Let's Learn ABC's DVD
- Go Fish Letter Matching Game

These hands-on activities help kids learn letter recognition and phonics—while having fun!



Basic Skills (3-6 years old)

- 3 Board book
- Clock
- Bear Skills Board
- Telling Time Flash Cards

This kit is designed to work on the basic skills kids need to become independent and ready for school.



Coding Games (6-8 years old)

- Book
- Code Hopper Floor Game
- Talking in Code Worksheet
- Girls Who Code Activity Binder
- Resource Reference Page

Young brains gain valuable practice in sequencing, decision making and following commands just like a computer.



Dinosaurs (3-8 years old)

- Board Book
- 2 Books
- I Spy Dinosaur Game
- Dinosaur Matching Game
- Go Fish Game Dino Edition
- 6 Plastic Dinosaurs

Explore the world of dinosaurs!



Down on the Farm (3-6 years old)

- 2 Board Books
- Wooden Puzzle - Farm
- Hide-n-Go Moo Matching Game

Join old MacDonald down on the farm. Learn about farm animals in a fun and engaging way.



Engineering (9-12 years old)

- 2 books
- K'NEX Education Bridges Set

This kit allows kids students to build replicas of real-world machines and gain a concrete understanding of the principles that make them work.



Exploring Circuits (9-12 years old)

- 2 Books
- Snap Circuit Set
- Electronic Snap Circuits Experiment Booklet

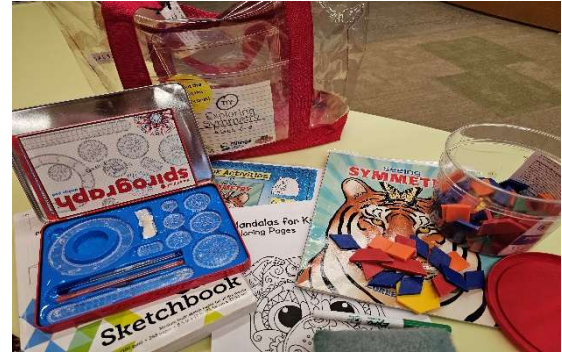
Have you ever wondered why flipping a light switch turns on the light? This kit will teach kids about electrical circuits and what makes them work.



Exploring Symmetry (6-8 years old)

- **Book**
- **Activity Book**
- **Pattern Blocks**
- **Spirograph Design Tin**
- **Sketchbook**

Symmetry is all around us, it's in both nature and man-made things. This kit explains different types of symmetry and shows you how to make your own symmetrical masterpieces.



Family Birding (9-12 years old)

- **Adult Binoculars**
- **Child Binoculars**
- **Young Birder's Guide**
- **Local Bird Watch List**
- **Bird Journal**

For centuries, man has been obsessed with birds and flight. This bird-watching kit will help increase knowledge about birds and their daily activities, plus it's FUN!



Fun with Magnets (6-12 years old)

- **2 Books**
- **Magnet Movers Kit**
- **Magnet Tiles**

This kit teaches young scientists about the effects of magnetism through a combination of books, activities and games.



Junior Spy (6-12 years old)

- **2 Books**
- **Magnifying Glass**
- **Notebook and Invisible Ink Pen**
- **Decoder**
- **Cipher Wheel Template**
- **Spy Notebook**

Kids love looking for clues and solving riddles. This kit is full of activities and spy gear for the up-and-coming detective.



Loom Knitting (6-12 year olds)

- 3 Straight Looms with Instructions
- 3 Round Looms with Instructions
- 1 Loom Pick
- 2 Yarn Needles
- Loom Knitting Basics Booklet

Learn the art of weaving: learn the fun technique of weaving to create one-of-a-kind projects.



Magic Tricks (6-12 year olds)

- 2 Books
- Melissa and Doug Magic Kit with Instructions

Learn the art of magic with a kit filled with a variety of tricks of the trade.



Microscope (6-12 year olds)

- Book
- Talking Microscope
- Microscope Slides

Help your child explore the world around them with this talking microscope designed specifically for children.



Mindfulness is Magic (6-12 year olds)

- 2 Books
- Mindful Kids Cards
- Go Go Yoga For Kids
- Mindfulness Schedule
- Emotions Worksheet
- 2 Yoga Mats

This kit contains books and activities to introduce mindfulness and meditation to children in a playful way.



Money Matters (6-12 year olds)

- **Book**
- **Activity Book**
- **Cash Register**
- **Coins, Bills and Credit Card**

Start your child on the right path to financial literacy with this kit. Learn about money in a fun way.



Monkey Math (3-6 year olds)

- **2 board books**
- **Number Puzzle**
- **Magnetic Numbers**
- **Monkey Balance Math Game**
- **DVD**

Teaches basic counting and beginning math skills while reinforcing multi-dimensional learning.



Origami (9-12 year olds)

- **4 instructional books**
- **Origami paper in storage box**

Learn the art of paper folding with this completely self-contained kit. Origami, the ancient art of paper folding, has applications in geometry, thinking skills, fractions, problem solving, and fun science.

