STEM Kits are checked out and returned at the Children’s Desk.
Limit one kit per card. Seven day checkout.

How do I use a Kit?
Each kit comes with instructions and activities suitable for its target age group. You can learn alongside your child or peek ahead to help!

What if I lose a STEM Kit or break an item?
Patrons are responsible for any missing or broken items in the kit. The charge for missing items varies per kit and is included on the kit label. For more information call 214.509.4906.

How do I return a STEM Kit?
You must bring the STEM Kit to the Children’s Desk during open hours. Kits may not be returned through Curbside Pickup or through the book drop. A fine of $1/day will be applied for an overdue kit.
STEM KIT:

Blue-Bot

Ages 5 and up

This kit includes:
- 1 Blue-Bot Robot
- 1 Command Card Set (44)
- 1 USB Charging Cable
- Printed Materials (3 pages)

About This Kit

Blue-Bot is a programmable floor robot that can remember up to 40 steps. This kit develops fine-motor, sequencing, and problem-solving skills. No screen required to operate.

Total replacement cost - $155.88

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Seven day checkout.
STEM KIT:
Botley® the Coding Robot

Ages 5 and up
This kit includes:
- 1 Botley Robot
- 1 Remote Programmer
- Detachable Robot Arms (3 pieces)
- 40 Coding Cards and 2 Balls
- 6 Boards and 1 Goal
- 12 Cubes
- 2 Flags and 8 Sticks
- 2 Cones
- Printed Materials - 12 pages
- 5 AAA batteries

About This Kit
Botley is a programmable floor robot that can remember up to 150 steps. This kit develops fine-motor, sequencing, and problem-solving skills. No screen required to operate.

Total replacement cost - $93.97

Choking hazard: this kit contains small parts. Not for children under 3 years old.

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STEM KIT:
Build & Play Robots

Ages 6 and up

This kit includes:

Halfpipe Robot
Pogo Robot
Scootz

(Part details in kit)

About This Kit

These wacky, real-moving robots skate, crawl and jump! With parts like a ship’s wheel and an umbrella, plus springs, cranks and more, kids create robotic pals in a snap...then switch them on for an action-packed good time!

Total replacement cost - $55

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Seven day checkout.
STEM KIT: Cubelets Curiosity Set

Ages 4 and up
This kit includes:
• 4 Clear Cubelets
• 3 Black Cubelets
• 1 Dark Blue Cubelet
• 1 Red Cubelet
• 1 Green Cubelet
• 1 Light Blue Bluetooth Hat
• 2 Yellow Brick Adaptors
• Curiosity Guide
• Parents’ Play Guide (19 pages)
• 23 Activity Cards
• Charging Cable
• Printed Materials (1 page)

About This Kit
Explore robotics and coding with these modular, interlocking blocks. This kit develops fine-motor, sequencing, and problem-solving skills. A phone or tablet is optional to operate this set.

Total replacement cost - $281.95

STEM Kits are checked out and returned at the Children’s Desk.
Limit one kit per card.
Seven day checkout.
STEM KIT:

Fractions Math Activity Kit

Ages 6 and up

This kit includes:

- 1 Tile Tray & Activity Guide (8 pages)
- 1 Red Tile, 2 Pink Tiles, 3 Orange Tiles
- 4 Yellow Tiles and 5 Green Tiles
- 6 Teal Tiles and 8 Blue Tiles
- 10 Purple Tiles and 12 Black Tiles
- Power Pen and 20 Fraction Cards
- Power Pen Instructions and Fractions Answer Key (2 pages each)
- Dark Red Apple (1 Piece)
- Red Apple (2 Pieces)
- Yellow Apple (3 Pieces)
- Green Apple (4 Pieces)

About This Kit

Explore fractions with visual hands-on learning. This kit will introduce fraction concepts, parts to whole, equivalents, and comparisons using magnetic apple fractions and fraction tiles. This kit also includes fraction quiz cards with the Power Pen.

Total replacement cost - $95.96

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT: Gear-Bot

Ages 5 and up
This kit includes:
- Wireless Remote Control
- Motorized Base & 2 Yellow Pegs
- 2 Heads (Green & Red)
- 4 Wheels
- Chest Plate
- 2 Claws & 2 Shoulders
- 20 Green Gears & 20 Blue Gears
- 36 Blue Connectors
- 60 Blue Risers
- Gear-Bot Building Guide
- 6 AA Batteries

About This Kit
Roll out the adventures with a real-moving robot you design yourself! Just connect any combination of gears, claws, heads and more to a motorized base...use the remote to direct your mighty robot to roll and turn in any direction you choose...and set all its gears in motion—from up to 50 feet away!

Total replacement cost - $92.99

STEM Kits are checked out and returned at the Children’s Desk. Limit one kit per card. Seven day checkout.
STEM KIT: KEVA Planks

Ages 5 and up

This kit includes:
- 200 Planks
- Instruction Manual
- Build Idea Cards

About This Kit

Build just about anything with these versatile wooden planks! This kit develops motor and problem-solving skills while promoting design thinking.

Total replacement cost - $63.97

STEM Kits are checked out and returned at the Children’s Desk.
Limit one kit per card.
Seven day checkout.
STEM KIT: Math

Ages 5 and up

This kit includes:

- Teddy Bear Addition Book
- 25 Mini Motor Cars
- 2 Track Pieces
- Attachable Finish Line
- 2 Number Dice & 1 Color Die
- Mini Motor Math Activity Guide
- 1 Power Pen & 40 Learning Cards
- Power Pen Guide and Answer Key (4 pages)
- 2 AAA Batteries

About This Kit

Practice your math skills with a Power Pen and quiz cards, a fun counting game with colorful cars, and a book all about addition.

Total replacement cost - $82.90

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT: Mental Blox

Ages 5-9

This kit includes:
- 20 Blocks
- 40 Cards
- Instruction Guide (1 page)
- At-Home Activities (3 pages)

About This Kit

Put your critical thinking to the test and fire up the strategic problem solving! Stack, pattern, and match the multi-color shapes.

Total replacement cost - $39.98

STEM Kits are checked out and returned at the Children’s Desk.
One kit per card at a time.
Seven day checkout.
STEM KIT: Money Activity Set

Ages 5 and up
This kit includes:
- Teaching Kids to Count Money Book
- Cash Register
- Spinner
- 25 Money Clip Cards & 3 Clips
- 12 Puzzle Cards, Credit Card, & Coupon Card
- 40 Coins (10 Each of Pennies, Nickels, Dimes, Quarters)
- 40 Bills (10 Each of $1, $5, $10, $20)
- Teaching Cash Register Guide (8 pages)
- Printed Materials (4 pages)
- 3 C batteries

Choking hazard: this kit contains small parts. Not for children under 3 years old.

About This Kit
Learn math and money management with a cash register and activity cards. This kit develops fine-motor and math skills while introducing financial terms and concepts.

Total replacement cost - $55.73

STEM Kits are checked out and returned at the Children’s Desk.
Limit one kit per card.
Seven day checkout.
STEM KIT: Plugo Count and Link

Ages 5 and up

This kit includes:
- 1 Gamepad
- 1 Count Spike
- 20 Blue 0-9 Numbers
- 4 Yellow Operators
- 15 Magnetic Building Blocks
- Plugo Count Quick Start Guide (22 pages)
- Plugo Link Quick Start Guide (10 pages)

About This Kit

Build creative solutions and work your math skills with magnetic blocks in story-based games with Plugo Count and Plugo Link.

Total replacement cost - $93.96

Choking hazard: this kit contains small parts. Not for children under 3 years old.

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT: Plugo Tunes

Ages 5 and up

This kit includes:
• 1 Piano
• 1 Gamepad
• 3 Musical Pops
• Printed Materials (2 pages)

About This Kit

Attach your phone or tablet to this keyboard to learn the basics of playing piano. This kit develops fine-motor, matching, and musical skills. A phone or tablet is required to operate.

Total replacement cost - $69.98

Choking hazard: this kit contains small parts. Not for children under 3 years old.

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT: Spiral Art

Ages 6 and up

This kit includes:
- Spiral Art Case
- 12 Design Tools
- 2 Spiral Guides (circles)
- 1 4-Color Pen
- 5 Gel Pens
- 20 Sheets of Paper
- Spiral Art Guide (2 pages)

About This Kit

Slip a piece of paper under the lid and create amazing spiral designs using 14 tools, pens, and paper. Perfect for young artists!

Total replacement cost - $34.98

Choking hazard: this kit contains small parts. Not for children under 3 years old.

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT: Strawbees

Ages 6 and up

This kit includes:

- 50 Blue Building Straws
- 50 Pink Building straws
- Connectors – 1-leg White × 64
- Connectors – 2-leg White × 16
- Connectors – 3-leg White × 8
- Connectors – 5-leg White × 12
- 1 Activity booklet
- 1 Ball

About This Kit

Connect straws to build complex structures. This kit develops fine-motor and problem-solving skills while promoting design thinking.

Total replacement cost - $29.89

Choking hazard: this kit contains small parts. Not for children under 3 years old.

STEM Kits are checked out and returned at the Children’s Desk.

Limit one kit per card.

Seven day checkout.
STEM KIT:
Time Activity Set

Ages 5 and up
This kit includes:
• Telling Time with Puppies and Kittens Book
• Plastic Clock with Movable Hands and Stand
• 12 Analog and Digital Puzzle Cards (24 pieces)
• 12 Write & Wipe Activity Cards & Clock
• 1 Marker
• 3 Dice
• Activity Guide (4 pages)

About This Kit
Learn about telling time with fun activities and clocks. This kit develops fine-motor and math skills while introducing time-related terms and concepts.

Total replacement cost - $49.92

STEM Kits are checked out and returned at the Children’s Desk.
Limit one kit per card.
Seven day checkout.
STEM KIT:
Weight and Measurement

Ages 5 and up
This kit includes:
- Scale and 2 Buckets
- 17 Plastic Weights
- 12 Plastic Buttons
- 10 Wooden Cubes
- Aluminum Cube
- 24 Activity Cards
- Wooden Card Stand
- Mountain Climber Folder
- 27 Mountain Climber Link Tiles
- 6 Mountain Climber Answer Tiles
- Mountain Climber Answer Card
- Measuring Weight (book)
- Measurement Center (1 Page)

About This Kit
Learn about measurement concepts like heavy, light, balance and more. Conduct simple investigations with our hands-on balance scale, 24 activity cards with illustrated instructions, and compare and contrast 40 manipulatives!
Total replacement cost - $108

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