

STEM KITS



Wareham
Free
Library

Anti-Gravity Maglev & Electronics Kit (Total: \$120.00)

This kit is brought to you with federal funds from the CARES Act provided through the Institute of Museum and Library Services and administered by the MBLC and Nouria

Contents:

1. KidzLabs Anti-Gravity Maglev (4893156032997) \$20.00

Contents (33 pieces):

- Graphic Template (Compass/Earth, Spaceman)
- 1 @
 - thin rod with ring, hexagonal rod, round rod, UFO body, piece of string, pointer end, copper washer
 - enclosure, divider, weighing pan, string attachment, axle, support arm, baseplate
- 10 nuts
- 7 ring magnets
- Laminated instruction page.

2. Snap Circuits Jr. (756619002415) \$30.00

Contents (31 pieces):

- Base grid, 29 pieces, instruction manual

3. Books (4):

- *Electronics for kids* (9781593277253) \$18.00; *Awesome Physics Experiments for Kids* (9781641522984) \$10.00 ; *Physical Science Electricity and Magnetism* (9780531136003) \$8.00; *Magnets Pulling Together, Pushing Apart* (9781404803336) \$9.00; *Earth Science DVD* (725696820526) \$15.00

Dinosaur / Fossil Kit (Total: \$104.00)

This kit is brought to you with federal funds from the CARES Act provided through the Institute of Museum and Library Services and administered by the MBLC.

Contents:

1. *Dinosaur Collection* – National Geographic 5 DVD set (024543616894) \$15.00
2. Dancing Bear Fossil Collection Kit (X000P8JZWR) \$36.00

Contents:

- 12 authentic fossil specimens:
 - coprolite, shark (small), shark (large), orthocereas, dinosaur, clams, coral, ammonites, trilobites, gastropod, crinoids, brachiopods
- Geological Time Scale

- Fossil identification guide
- 1 magnifying glass
- 3. 1 bag of 24 assorted small resin dinosaurs (Pentex) **\$14.00**
- 4. 1 large plastic magnifying glass with tweezers **\$1.00**
- 5. Books (2):
 - *Little Kids First Big Book of Dinosaurs* - Nat Geo Kids (9781426308468) **\$15.00**;
 - *Smithsonian: The Dinosaur Book* - DK (9781465474766) **\$23.00**

The Human Body Kit **(Total: \$126.98)**

This kit is brought to you with federal funds from the CARES Act provided through the Institute of Museum and Library Services and administered by the MBLC.

Contents:

1. My Body i-Poster (4712417961794) **\$40.00**
 Contents:
 - 4 posters
 - instructions
2. *Rock n' Learn Human Body* DVD, Grades 3-8 (7256920724) **\$15.00**
3. Smart Lab Squishy Human Body (834509000540) **\$30.00**
 Contents (29 pieces):
 - Body pieces: skull cap, brain, skull, shoulder/spine/hip, rib cage, femur, tibia/fibula, foot, humerus, radius/ulna, hand, arm muscle, leg muscle, stomach, lungs, intestines, liver, esophagus/trachea, kidneys, diaphragm, heart
 - Other pieces: model stand, organizer sheet, forceps, tweezers, instruction sheet, anatomy book, box.
4. Books (2):
 - *Ultimate Body-Pedia Book* - Nat Geo Kids (9781426317217) **\$24.99**; *Human Body Encyclopedia* - DK (9781465443489) **\$16.99**

The MA Audubon Kit **(Total: \$109.24)**

This kit is brought to you by the generosity of the MA Audubon Society.

Contents:

1. Backpack **\$25.00**
2. Hontry binoculars **\$30.00**
3. 2 mini magnifying glasses
4. Local Trail Map Guides - 12 pages (Town of Wareham, Wareham Land Trust, Wildlands Trust, MA Audubon)
5. *Pocket Guide to MA Animal Tracks* (MA Wildlife)
6. Guidebooks for plants & animals (9)
 - *Tree Finder: A Manual for the Identification of Trees by Their Leaves* (by May Theilgaard Watts) **\$2.59**

- *What Tree is That? A Guide to the more common trees found in the Eastern and Central U.S.* (The National Arbor Day Foundation) **\$3.00**
 - *Critters of Massachusetts Pocket Guide* (Wildlife Forever & MassWildlife Publication) **\$5.95**
 - *Backyard Birding for Kids: An Introduction for Ornithology* (by Erika Zambello) **\$12.95**
 - *A Guide to Backyard Birds of Eastern North America* (MA Audubon) **\$4.95**
 - *PondWatchers: Guide to Ponds and Vernal Pools of Eastern North America* (MA Audubon) **\$4.95**
 - *A Guide to Northeastern Butterflies and Butterfly Gardening* (MA Audubon) **\$4.95**
 - *A Guide to Northeastern Dragonflies & Damselflies* (MA Audubon) **\$4.95**
 - *Paddlers Guide to New England Rivers* (MA Audubon) **\$4.95**
7. Notebook & pen **\$5.00**
 8. Off The Beaten Path Reading List for Children, YA, and Adults

Microscope Kit (Total: **\$162.00**)

Contents:

1. Swift GH Microscope activity Kit (90400049040) **\$100.00**
Contents:
 - 1 square plate
 - 14 specimens
 - 1 cover
 - 1 monoscope with 10x-18 mm lens
 - directions
2. 48 prepared slides **\$14.00**
3. Books (4):
 - *The world of the Microscope* (079451524X) **\$9.00**; *A World in a Drop of Water* (9780486403816) **\$7.00**; *Unseen Worlds* (9781999968014) **\$22.00**; *The Everything Kids Science Experiment Book* (9781580625579) **\$10.00**

Rocks & Minerals Kit (Total: **\$136.00**)

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Contents:

1. National Geographic Rock Tumbler Starter Kit (XM Dot: 01-21) **\$75.00**
Contents:
 - rock tumbler
 - grit
 - manual
2. Ultimate Rock, Mineral, & Fossil Activity Kit (816448026102) **\$25.00**

Contents:

- cube
- magnifier
- 200+ specimens
- leatherette bag
- identification sheet
- manual

3. Books (3):

4. *What's That: Rock or Mineral?* (9781409348177) **\$10.00**; *National Geographic Pocket Guide: Rocks of North America* (9781426212826) **\$13.00**; *My Book of Rocks and Minerals* – DK (9781465461902) **\$13.00**

Telescope / Space Kit (Total: **\$127.00**)

This kit is brought to you with federal funds from the CARES Act provided through the Institute of Museum and Library Services and administered by the MBLC.

Contents:

1. Eccopro Telescope F360-70 (X001xP9ECR) **\$80.00**

Contents (15 pieces):

- objective lens
- telescope optical tube
- finder scope bracket
- 6mm eyepiece
- 25 mm eyepiece
- erect image diagonal
- focus knob
- pan handle-altitude motion
- tripod
- central column locking knob
- mount lock knob
- map of the moon
- star map
- instruction manual
- padded box

2. *Space for Kids* DVD – Holiday (X002FBLTKN) **\$15.00**

3. Books (4):

- *Space: facts at your fingertips book* – DK Pocket Genius (9781465445933) **\$6.00**; *Solar System for Kids Book* – Junior Scientists (9781646119288) **\$9.00**; *50 Things to See with a Telescope Kids AND Parents, Too!* – Learn to Stargaze (9780999034651) **\$17.00**

Weather Kit (Total: **\$91.00**)

This kit is brought to you with federal funds from the CARES Act provided through the Institute of Museum and Library Services and administered by the MBLC.

Contents:

1. *Wild weather* DVD – PBS (841887033275) **\$25.00**
2. Green Science Weather Science mini observatory (08576117923) **\$14.00**

Contents (17 pieces):

- 1 thermometer arm, 2 thermometer holders, 2 thermometers
- 1 balloon
- 1 spiral template
- 1 pencil stand
- 1 seed tray
- 1 pH test paper pad, 1 pH color chart (on box lid),
- 1 cloud-shaped cover, 1 cloud-making pump, 1 mountain shape, 1 mountain base
- 1 pimped stopper
- instruction book

3. Be Amazing Weather Science Lab (813268016115) **\$20.00**

Contents (32 pieces):

- 2 experiment bottles, 1 thermometer, 1 pipette, 2 balloons
- 1 DIY barometer, 1 tornado tube, 1 anemometer, 1 weather vane, 1 rain gauge
- 1 package of amazing super snow powder
- instruction book
- zippered case

4. Books (3):

- *Meteorology activity book* – STEM Starters for Kids (9781631584282) **\$7.00**; *The Everything Kids' Weather Book* – Adams Media (9781440550362) **\$10.00**; *Everything Weather Book* – Nat Geo Kids (9780008267766) **\$15.00**