STArt @ Your Library: Science, Technology and Art Programs for Youth
Missouri Library Association Conference 2019
Sarah Wood swood@slcl.org & Andrea Walter awalter@slcl.org

Resources

SCIENCE

Wonderful Weather: Basic supplies--no large costs
   - Anenometer
   - Simulated rain cloud with shaving cream
   - Pinwheel
   - Water Cycle in a bag
   - Barometer
   - Thermometer

Family Science Night
   - Robots--see below
   - Straw Rocket Launcher--$174
     - Straw Rocket Class Pack--$26.50
   - Light Table-large--$258.39
   - Light Table-small--$98.34
     - Animal X-ray--$24.75
     - Human X-ray--$31.49
   - Acrylic Specimens--$15.00-$134.73

Building/Engineering sets--
   - Gears Gears Gears--$32.99
   - Magnetic Shapes--$89.99
   - Toobeez--$39.99

Goopy Science: Basic kitchen supplies, low cost
   - Slime/Gak
   - Oobleck
   - Baking Soda and Vinegar Activities
   - Elephant Toothpaste

Rocket Launch
   - See Straw Rocket Launcher above
   - Stomp Rockets--cost of PVC

Preschool Architect--collect blocks and cardboard boxes
   - Strawbees--$19.99
Butterfly Release Party

- Butterfly Garden Classroom set--$45.47, additional $10 for caterpillars

LEGO Party

- Easy build bricks-$149

Robots

- Cubelets--$139.95-$3,900
- Ozobots--Classroom Kit--$1,200
- Cozmo--$179.99
- Osmo--$79-$189
- Oculus Go--$199

ART

Budding Artists & First Art

- How Process-Focused Art Experiences Support Preschoolers
- Process Art Activities: https://tinkerlab.com/
- Stephanie Smallwood’s Pinterest board on open-ended art
- Children’s disposable art smocks at Dick Blick - $1.81 each for 6+ quantity
- Toddler Art Smocks at Discount School Supply - $44.16 for 6

- Chihuly Art with crazy straws
- 50 pack crazy straws at Amazon - $13.00

Nuudle Art

- https://www.magicnuudles.com/
- Magic Nuudles at Amazon - 500 pack $17, including shipping
- Magic Nuudles at Walmart - 600 pack $14, with free pickup

Water Art

- Watercolor Projects Kids Love
- 32 Easy Watercolor Painting Ideas
- Disposable Droppers at Amazon 100 pack for $5.40

Pop Art

- https://www.michaelalbert.com/

Sound Wave Art

- Instructions
- Audacity

Alcohol Ink Tiles

Guided Painting
  Winter Penguin Directions
  Supplies, Tips & Notes

Light Painting
  Instructions:
  Library Kit: Teaching Teens the Art of Light Photography