ARIZONA SCIENCE CENTER
Never stop wondering.
Never stop imagining.™

February Homeschool Unit Studies: Physical Science

Week 1

- Tuesday (2/2/27)
    - Grades 1-3:
        - Translucent, Transparent, and Opaque
        - Color Mixing
        - Take Home: Making Shadow Puppets
    - Grades 4-6:
        - Static Electricity
        - Makey Makey Piano
        - Take Home: Levitating Magnets

- Thursday (2/4/27)
    - Grades 1-3:
        - The Science of Sound
        - Sensing Sound
        - Take Home: Dancing Sprinkles
    - Grades 4-6:
        - Magnets & Magnetic Slime
        - Solar Power Builds
        - Take Home: Copper Tape Fan

Week 2

- Tuesday (2/9/27)
    - Grades 1-3:
        - Balloon Racer
        - Thermocramatic Slime
        - Take Home: Ice Melting Race
    - Grades 4-6:
        - Air Cannon
        - Bernoulli Challenge
        - Take Home: Rubber Band Racers

- Thursday (2/11/27)
    - Grades 1-3:
        - Chemistry Stations
        - Take Home: Energy Transfer Experiment
    - Grades 4-6:
        - Different Types of Energy
        - DIY Thermometer

        - Take Home: Energy Transfer Experiment

Week 3

- Tuesday (2/16/27)
    - Grades 1-3:
        - Kaleidoscope Creation
        - Laser Maze
        - Take Home: Illusions
    - Grades 4-6:
        - Exploding Monsters
        - Iodine Clock
        - Take Home: Naked Eggs

- Thursday (2/18/27)
    - Grades 1-3:
        - Good Vibrations
        - Make Your Own Harmonica
        - Take Home: Rubber Band Guitar
    - Grades 4-6:
        - Mystery Powders
        - Balloon Blow-Up
        - Take Home: Lava Lamps

Week 4

- Tuesday (2/23/27)
    - Grades 1-3:
        - Radio Waves
        - UV Rays
        - X-Rays
        - Take Home: Paper Telephone
    - Grades 4-6:
        - Make a Rube Goldberg Machine
        - Roller Coasters
        - Take Home: Gravity-Defying Water

- Thursday (2/25/27)
    - Grades 1-3:
        - Make a Snack Pulley
        - Chair Challenge
        - Take Home: Paper Airplane Designs

- Grades 4-6:
  - Orange Obliteration
  - Catapults
  - Take Home: Cobra Weave Exploding Stick Bomb