

Schedule of Topics

Fall/Winter 2022

14-Sep	Magnetic or Not
21-Sep	Magnet Strength: Defying Gravity
28-Sep	Properties of Matter: 5 Senses
5-Oct	Physical Properties of Matter
12-Oct	Identifying Simple Machines
19-Oct	Inclined Plane: Force to Lift
26-Oct	Electric Circuit Investigation
2-Nov	Magnetic and Conductor
9-Nov	Gears Observation 1
16-Nov	Gears Observation 2
23-Nov	No Class
30-Nov	Magnet Strength: Overcoming Friction
7-Dec	Identifying Magnetic Fields
14-Dec	Conservation of Momentum: Marbles
21-Dec	Friction: Inclined Planes and surfaces
28-Dec	Make n Take
4-Jan	No Class



All workshops are held at
Kaleidoscope Dance

www.kaleidoscope-dance.com

info@kaleidoscope-dance.com 602-345-0496

2848 S. Carriage Lane, Mesa, AZ 85202 (Guadalupe and the 101)

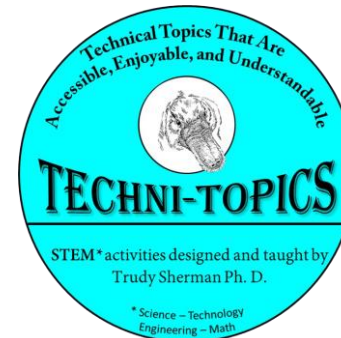
Science:

LEARNING BY DOING

Hands-On Workshops
Taught by Dr. Trudy Sherman

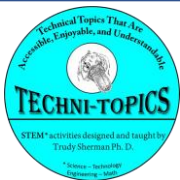


**A great way for kids to learn
STEM* topics**



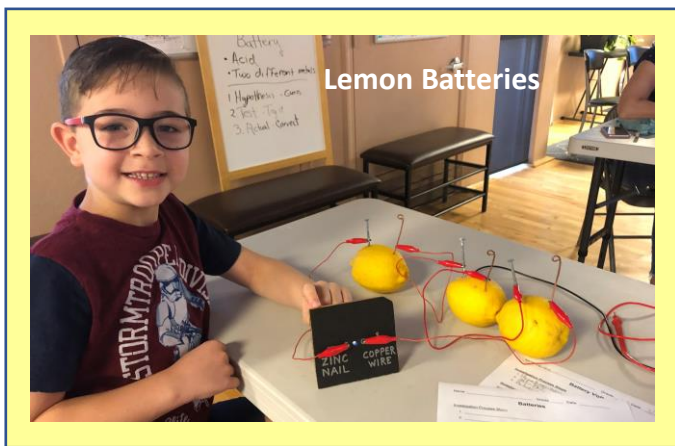
Hands-on activities:
Magnetism
Static Electricity
Electricity
Physics/Simple Machines
Light
and more . . .

*STEM = Science, Technology, Engineering, Math



Ages 8 – 12

Younger children may attend if accompanied by an adult



Lemon Batteries

Taught by Trudy Sherman, Ph.D.

Dr. Sherman has been teaching hands-on science in Montessori and charter schools for over 30 years

\$17 drop in per class
\$60 for a 4-class punch card
Additional \$3 material fee for
“Make and Take” workshops

Parents are welcome to participate
at no charge



Momentum

- Each workshop consists of a 5-10 minute introduction to the concept followed by exploratory learning activities
- The scientific method steps of “Hypothesis, Experiment, and Results” are followed for each activity
- Activity worksheets are used to record results
- Students work in teams of 2 or 3 – Teams can be parent/child or student/student

Wednesday 2:30 – 3:15 pm

