



Schedule of Topics

Fall/Winter 2021	
8-Sep	Gears Observation 1
15-Sep	Magnet Strength: Overcoming Friction
22-Sep	Properties of Matter: 5 Senses
29-Sep	Identifying Simple Machines
6-Oct	Gears Observation 2
13-Oct	Electromagnet Investigation
20-Oct	States of Matter
27-Oct	Statically Charged Grains
3-Nov	Conservation of Momentum: Marbles
10-Nov	Friction: Inclined Planes and surfaces
17-Nov	Magnetic or Not
24-Nov	No Class
1-Dec	Inclined Plane: Force to Lift
8-Dec	Electric Circuit Investigation
15-Dec	Magnet Strength: Defying Gravity
22-Dec	No Class
29-Dec	No Class
5-Jan	No Class

www.kaleidoscope-dance.com

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

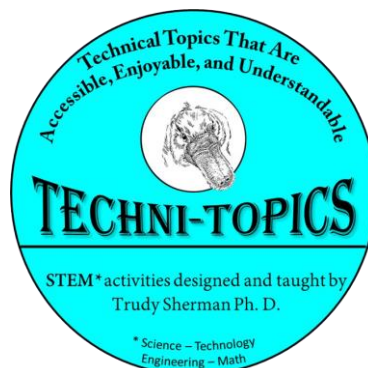
Science:

LEARNING BY DOING

Hands-On Workshops
Taught by Dr. Trudy Sherman

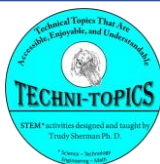


**A great way for kids to learn
STEM* topics**



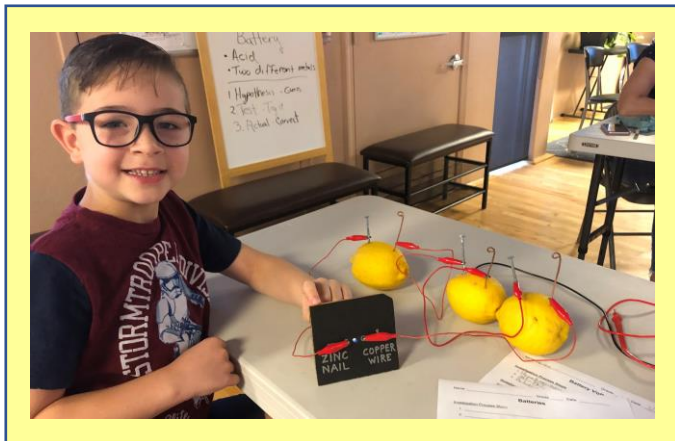
Hands-on activities:
Magnetism
Static Electricity
Electricity
Physics/Simple Machines
Light
and more . . .

*Science, Technology, Engineering, Math



Ages 8 – 12

Younger children may attend if accompanied by an adult



Taught by Trudy Sherman, Ph.D.

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

\$12 drop in per class

\$40 for a 4 class punch card

Additional \$3 material fee for "Make and Take" classes

Parents are welcome to participate at no charge



- 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

