

Spectacular Science

Inspire Artists

Explore Engineering

Made for Math

**Crosscutting Concepts**

Technology Time

Connecting Community



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Glen's Gizmos

Discover STEM



World of Wonder

A service of Glen's Hands-On Gizmos.

"developing reverence for life, and a passionate lifelong love of learning"

# Glen's Gizmos Discover STEM



## EXAMPLE SCHEDULES

### Gizmo Day

- 7:30am Adult Volunteers Setup
- 8:00am School Starts
- 5th Grade Students Helping
- 9:00 5th Grade Rotation
- 9:45 4th Grade Rotation
- 10:30 3rd Grade Rotation
- 11:15 Lunch
- 12:30 2nd Grade Rotation
- 1:15 1st Grade Rotation
- 2:00 Kindergarten Rotation
- 3:00 Cleanup Begins
- 4:00 Volunteers Depart



### Why STEM Education?

STEM stands for Science, Technology, Engineering and Math. Jobs in STEM related fields are expected to grow 14% by 2020, while Graduates in STEM fields are increasing by only 0.8%. Oregon is a state full of dreamers and inventors. Our children's future is in STEM education.



### Family Gizmo Night

- 4:30pm Setup Begins
- 5:00 Volunteers Arrive
- 6:00 Families Begin Arriving
- Families Visit Stations
- 8:00 Cleanup Begins
- 9:00pm Volunteers Depart

**Who ...** Public, Private and Charter Schools  
also Homeschool Co-ops and Festivals

**When ...** Available year round...

**Where ...** at **YOUR SCHOOL!**

## STEM Education at its Best...

Activity Examples (over 300 available!)



### Stations

- Straw Bridges
- Microscopes
- Ramp Races
- Volume
- Mass & Weight
- Sail Carts
- Build-a-Butterfly
- Crayon Rubbings
- Twisted Critters
- Marble Runs
- Circuit Circus



### Gizmo Boards

- Engineering and Design
- Natural Sciences
- Puzzles of all Types
- Math Challenges
- Mechanics
- Electronics
- Illusions

