

## SCHOOLS THRIVE WHEN TEACHERS ARE INSPIRED

Teachers learn new strategies to motivate students and address missed skills on Friday. Practice & share with community on Saturday. Accelerate learning on Monday.



**½ Day Training**

**½ Day Festival**

**Ongoing Support**

Full Year of Supplemental Resources, Lessons, Stations & After School

*Unlimited All Access Pass*

## MOTIVATE, CELEBRATE and ACCELERATE LEARNING.

<p><b>Choose a focus.</b></p> <p><b>STEAMSTART Driving STEM Esport T.E.A.M.S.</b></p>	<p><b>Train the adults.</b></p> <p><b>Educators Mentors Volunteers</b></p>	<p><b>Share a festival.</b></p> <p><b>Just Your Kids or Families &amp; Community</b></p>	<p><b>Transfer learning.</b></p> <p><b>Camps Classrooms After School</b></p>
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[info@insl.org](mailto:info@insl.org)

[insl.org](http://insl.org)

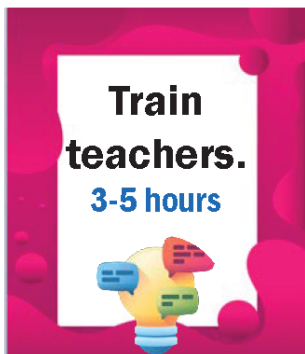
Call: 971.930.9388

## Art of STEM Festivals engage kids & community while doubling as hands-on staff training!

During a half-day of training, your educators, mentors & volunteers get to feel the same “aha” moments as their students with hands-on interactive learning. Next day - while learning is still fresh- teachers assist Art of STEM staff in providing a half-day festival for families. This unique “model classroom” combination builds confidence and transfers learning directly back to classrooms, camps & clubs.

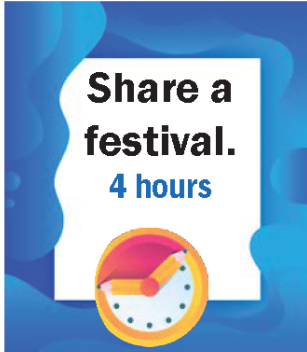
### \*\*BONUS\*\*

Relevant materials and signage from the event stay with your staff to invigorate PreK-12 STEM programs and hold additional events dedicated to STEM, STEAM and learning in T.E.A.M.S.



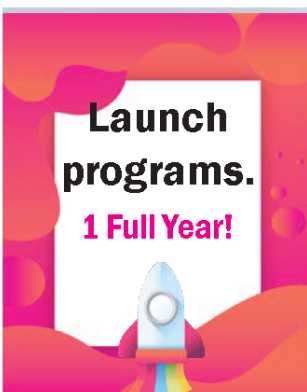
### Staff train in STEM pedagogy and practical application.

- Renew relationships to math & data to accelerate learning.
- Incorporate small repetitions in your daily curriculum that encourage discussion and self-reflection.
- Focus on data driven problem solving in everyday situations.
- Overcome apathy and boost motivation with passion projects & gaming.
- Discover powerful strategies to address gaps in understanding.
- Engage families as advocates that value STEM and STEAM learning.
- Discuss hard and soft skills kids will need for success in all career paths.



### Deliver data-driven STEAM with a heavy focus on fun.

- Every Art of STEM© experience offers the flexibility of working on your timeline with your outcomes in mind. The full package provides pre-and-post lessons as well as letters to parents and press releases for neighborhood outreach.
- Every festival contains the elements to facilitate stations for 150 students. You may decide to supplement simple items like clay or tape for larger groups. We arrive early with 2 team members to train your volunteers, marshal the setup and host your event for families and kids.



### Follow your event with content subscriptions and resources.

The International STEM League Resource site including lessons, camps, activity stations, micro-courses, STEM projects, STEAMvestigations & gaming inspired prototyping challenges with suggestions for single class or after school sessions, mutli-day projects and summer camp schedules.

- Elementary STEAMSTART, STEAM Tales, Driving STEM, Scaleville Daily Starters, MindBugs Measurement Breaks, PressPlay Digital Classrooms.
- Middle Grades Esport T.E.A.M.S. Challenges, Micro-Courses, STEAMvestigations, Scaleville & MindBugs Class Stations to address missed skills in algorithms, measurement, multiplication & place value.

# Customize Your Training+ Event + Resource Package

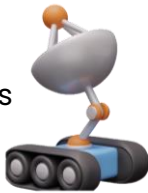
## Art of STEM Interactive Training Topics Choose ONE Topic per Half Day

- STEAMSTART Elementary Engineering
- Driving STEM for Science
- Driving STEM for Mathematics
- Micro:bits & Bots Engineering
- Technology Sprint
- Subject-Focused P.D. (choose topic)

## Student Festival Activities: Choose 3-5 Mix-and-Match Stations from Any List

### Elementary Focused

- Polygon Island Sail Cars
- Pet's Playground Wind Up Races
- Fairy Tale Engineers Launchers
- BioDome Bees
- Curiosity Rover Challenge



### Middle Grades

- Rocket League iRL (In Real Life)
- Fortnite Soft Circuits
- Eco Stadium Design
- Cardboard Prototyping
- Down to a Science – Football
- Driving STEM Pit Stop Challenge



### High School

- Tabletop Prototyping + 3D Print
- Soft Circuits & Wearables
- Drone Gate Challenge
- Robots on the Resume
- Digital Citizens Challenge
- Driving STEM Accelerated



### All Ages & Family Friendly

- PreSTEAM Playhouse
- Tinker Station
- Scaleville Interactive Mural
- Square Foot Science
- Driving STEM RC Relays



## ACCELERATE ANY CLASSROOM

Learn to Incorporate PBL + STEM to engage kids with design thinking that translates to useful real-world skills!

- Literacy & Numeracy
- Place Value
- Measurement
- Computation
- Computational Thinking
- Design Thinking
- Easy Math Modeling



## IMPLEMENTATION IS STRATEGIC

Programs launched by educators promise to be targeted, Immediate and Interactive for kids & teachers.

**½ Day:** Training 

**½ Day:** “Art of STEM” Festival for your school (or the whole community) transfers learning directly to students

## PROGRAMS ARE SUSTAINABLE

All-Access Pass offers a year of lessons & activities created by human experts and tested in hundreds of classrooms. You'll never run out of resources and are welcome to deliver in-school, after-school, and summer programs on the same annual license.



## SUPPORT CONTINUES AFTER TRAINING

Keep teachers engaged and motivated with monthly virtual meetups & Q&A.

Help students learn the value of Data Driven Decisions as they meet weekly challenges that encourage better behavior, attendance, and participation. Research proves that working with iNSL programs delivers results Long-range Federally funded studies for Safe Schools Healthy Students, Change the Equation, 21<sup>st</sup> Century After School, and West Ed Research give iNSL programs credit for raising math scores by more than a grade level and maintaining those gains up to 2 years after programs ended. The editor of U.S. News called our Driving STEM racing challenges the “best kept secret in STEM education.” Access case studies and research at <https://insl.org/funding>

## International STEM League

[insl.org](http://insl.org)

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# K-12 CLASSROOM VISITS



## Meet Curiosity the A.I. Cyber Support Dog!

- AI Robot Dog Demonstration
  - Interactive Workshop
  - Data-Driven Robotics Activity
  - 120 Minutes on Campus
- One Class with a Hands-On Activity  
or Meet-and-Greet in Multiple Rooms

## Bring REAL A.I. Robot Dogs to Meet Students!

 International STEM League

Visit [insl.org/curiosity](https://insl.org/curiosity) to learn more!



Curiosity the Cyber Support Dog is  
visiting schools in your community.

# K-12 EDUCATOR WORKSHOPS

- 2.5 Hours
- AI Robot Dog Demonstration
- Get Hands-On with Robotics
- Accelerate Math with Robots!

Ask About iNSL Full Day Tech Sprints: Teachers & Staff explore the tech of robotics and AI. We are also Magic School AI Certified Trainers.

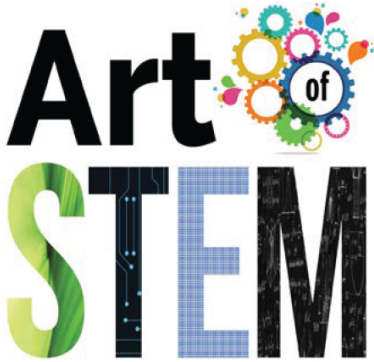


- K-5 Teacher Stations Introduce Robotics for Science, Math, and STEM
- Story Puppets & 3D Character Building
  - Super Simple Brushbots
  - Ticklebots & Micro:bits

- Middle Grades Motivate Students with Animatronics for STEM, Science & Math
- Micro:bits & Ticklebot
  - Arduino & Edison Robotics
  - Animatronics / Biomimicry

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# Planning for Your Art of STEM Experience



Before the data set comes the mindset.  
Launch the next generation of data driven problem solvers.

## How Does This Work?

**1** Start at **ANY** station.  
TEAMS

**2** Try **ALL** the stations.  
STEAM

**3** Collect **DATA!**  
DATA

**4** Pick a **PRIZE**

**INSL.org**  
jrui@insl.org  
#inslteams

Please take a few minutes to organize your thoughts about an Art of STEM Festival and training package at your location. We don't need exact numbers at this stage, but you can help us narrow the scope and focus!



Use this page or visit our JotForm at the QR code here.

<b>Contact Name</b> <i>Please Print Legibly</i>					
<b>Contact Email</b>					
<b>Location</b>					
	<i>City</i>	<i>State</i>	<i>Zip</i>		
<b>Event Schedule: Date &amp; Time</b>					
	<i>Option 1</i>	<i>Option 2</i>			
<b>Organization</b> <i>Plus URL if Available</i>					
<b>Kids' Age Range</b> <i>Choose one or more.</i>	PreK	Elementary	Middle	High	All Ages
<b>STEM activities &amp; investigations inspired by ...</b> <i>Choose one.</i>	<ul style="list-style-type: none"> <li>Fairy Tale Engineers <i>towers, bridges, shapes &amp; attributes</i></li> <li>STEAMStart <i>stories, steamvestigations &amp; design thinking for kids</i></li> <li>Sports Related Gaming <i>Baseball, Football, Soccer, Racing</i></li> <li>Esport T.E.A.M.S. <i>prototyping, adaptive design, circuits &amp; wearables</i></li> <li>Cybersecurity &amp; Extended Reality <i>for teens</i></li> </ul>				
<b>Faculty Training</b> <i>Choose one.</i>	<ul style="list-style-type: none"> <li>Building Confidence in STEM</li> <li>Subject-Focused Workshop <i>science, tech, engineering, math</i></li> <li>Overcoming Apathy: Strategies that Re-Inspire Students &amp; Teachers</li> <li>Esports and Gaming: Paths to Careers in Cyber &amp; AI</li> </ul>				
<b>What else do we need to know?</b>					

1. Local programs in Pacific Northwest start at \$5000.
2. On-Site packages around the USA and Canada are all-inclusive at \$22,500 with no surprise costs.
3. International packages begin at \$25,000 and may require additional plans for travel and preparation.