

Jonathan Juarez

STEM Education Facilitator

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STRENGTHS



STEM Facilitation

Hands on challenges became easier for mixed age groups after clear modeling, prompts, and space for independent discovery.



Classroom Management

Clear transitions kept energetic sessions orderly. Students knew what came next and felt comfortable contributing ideas.



Technical Support

When a tablet or cable failed, calm troubleshooting restored activity flow and kept learners engaged with their work.



Virtual Teaching

Online lessons stayed personal through demonstrations, checks for understanding, and patient guidance during access problems.



Learner Inclusion

Different confidence levels received different prompts. Quiet learners gained room to participate without pressure.

SKILLS

STEM Facilitation K 12 Education

Middle School Instruction

Classroom Management

Hands On Learning

Virtual Teaching

Student Engagement

Technical Presentations

Classroom Software Tablets

Web Based Tools

Technology Troubleshooting

SUMMARY

STEM education facilitator with five years of experience delivering hands on science, technology, engineering, and mathematics learning for K to 12 students and **adult audiences**. Leads groups of 10 to 30 learners through prepared challenges, simulated missions, virtual lessons, **laboratory style activities**, and **outreach workshops**. Creates safe, inclusive, orderly learning environments by following lesson plans, sequenced instructions, timing benchmarks, and safety protocols. Uses clear verbal communication, classroom management, questioning, and demonstrations to support varied ages and confidence levels. Guides learners through tablets, classroom software, **web based tools**, and virtual platforms, resolving routine device, software, connectivity, outlet, and cable issues. Illinois licensed substitute teacher with a Bachelor of Science in Elementary Education, ready to contribute dependable instruction, visitor service, and facility support in an active learning center.

EXPERIENCE

STEM Education Facilitator

Riverbend Science Discovery Center 📅 August 2024 - Present 📍 Peoria, Illinois

Leads scheduled STEM programs for elementary and middle school learners across science demonstrations, engineering challenges, technology activities, visitor service, and facility operations. Supports groups of 10 to 30 learners while protecting **program timing**, safety, inclusion, and learning objectives.

- Led **engineering** challenges and science demonstrations for groups of 10 to 30 learners.
- Guided tablets and web tools through **sequenced instructions**, checks, and **timing benchmarks**.
- Used **inclusive** questions and transitions to keep energetic groups **safe** and focused.
- Resolved device, software, outlet, cable, and connectivity issues during live programs.
- Prompted independent problem solving during multi step STEM challenges and reflections.
- Supported visitor arrivals, room resets, inventory, equipment care, and special events.

STEM Program Instructor

Central Illinois Youth Enrichment 📅 June 2022 - July 2024 📍 Bloomington, Illinois

Delivered after school, summer, and virtual STEM programming for upper elementary and junior high groups. Prepared learning spaces, tested materials, presented technical concepts, managed safety, supported digital access, and communicated observations with program coordinators.

- Facilitated physical **science**, design, coding, and problem solving activities for junior high learners.
- Prepared classrooms from **lesson plans**, tested materials, and adjusted pacing within objectives.
- Explained technical concepts with demonstrations, questions, and age appropriate examples.
- Managed crowded hands on sessions through clear safety expectations and equipment procedures.
- Delivered virtual lessons through web platforms and resolved common access problems live.
- Completed room closeout, supply tracking, equipment tasks, and coordinator updates.

Youth Learning Facilitator

Bright Path Learning Programs 📅 October 2021 - May 2022 📍 Normal, Illinois

Delivered supervised educational activities for school age groups in community learning programs. Built practical skill in presentation, structured instruction, positive redirection, tablet guidance, learner support, shared space organization, and equipment reporting.

- Delivered supervised activities for school age groups through structured community programs.
- Followed lesson sequences and timing guides through planned activity and reflection stages.
- Used positive redirection and small group prompts for varied participation styles.
- Demonstrated tablet and browser navigation, then checked independent task completion.
- Answered learner questions with concise explanations that supported confident problem solving.

Safety Protocols Customer Service
Facility Support

LANGUAGES

English Native
Spanish Proficient

MY CAREER



- STEM Education Facilitator at Riverbend Science Discovery Center (2.2 Years)
- STEM Program Instructor at Central Illinois Youth Enrichment (2.1 Years)
- Youth Learning Facilitator at Bright Path Learning Programs (7 Months)

- Organized materials and shared spaces, then reported equipment concerns to program leads.

PROJECTS

Virtual STEM Enrichment Series 📅 2024

Created and delivered virtual STEM sessions using web based platforms, guided navigation, clear demonstrations, and real time support for student questions.

Junior High Engineering Challenge 📅 2023

Facilitated a structured engineering activity with collaborative problem solving, safety routines, timed steps, and independent learner reflection.

LEADERSHIP & AWARDS

- Illinois State University, Dean's List recognition for strong academic performance.
- Central Illinois Youth Enrichment, recognized by coordinators for dependable virtual instruction and session support.
- Riverbend Science Discovery Center, trusted with visitor service, special events, and equipment care.

EDUCATION

Bachelor's Degree in Elementary Education

Illinois State University 🎓 GPA: 3.5 📅 2021 📍 Normal, Illinois

Coursework: STEM instruction, classroom management, child development, educational technology

CERTIFICATIONS

- Illinois Substitute Teaching License 📅 2022
- Bachelor of Science in Elementary Education 📅 2021

TECHNICAL SKILLS

- **STEM Instruction:** Science, Technology, Engineering, Mathematics
- **Classroom Platforms:** Classroom software, Tablets, Virtual learning platforms
- **Web Tools:** Web based tools, Browser activities, Online resources
- **Technology Support:** Software troubleshooting, Device troubleshooting, Connectivity troubleshooting
- **Equipment Support:** Outlets, Cables, Equipment care
- **Instructional Methods:** Lesson plans, Sequenced instructions, Timing benchmarks
- **Learning Activities:** Simulated space missions, STEM challenges, Laboratory activities
- **Teaching Delivery:** Virtual instruction, Outreach workshops, Technical presentations
- **Classroom Practice:** Classroom management, Independent learning, Inclusive questioning
- **Safety Operations:** Safety protocols, Equipment procedures, Facility care
- **Audience Service:** Customer service, Visitor interactions, Special projects

PROFESSIONAL AFFILIATIONS

- Illinois educator community, supporting safe and inclusive learning for diverse student groups.
- STEM education teams, sharing classroom observations and practical technology solutions with colleagues.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST