



DAKOTA STEAM

# STEAM Services



## SCHOOLWIDE PROGRAM

**STEAM education has a profound impact on children, shaping them not only as learners but as confident, capable individuals.**

Through hands-on STEAM experiences, kids develop self-esteem, self-image, and self-worth as they discover the vast possibilities of learning. They adopt a growth mindset that empowers them to tackle challenging problems and accomplish tasks they never imagined possible. STEAM nurtures critical problem-solving skills by encouraging constant reflection and adjustment, guiding students to develop action plans and solutions. These abilities extend far beyond the classroom, influencing every aspect of their lives. When embraced from a young age, these skills prepare children to become unstoppable forces who are ready to thrive in any future circumstance.

We partner with schools to deliver comprehensive STEAM programs that enhance the educational experience. Our programs are designed to integrate seamlessly into the curriculum, providing students with hands-on learning opportunities that promote critical thinking and problem-solving skills.

Our team of experienced educators collaborates closely with teachers to tailor activities that align with classroom objectives, ensuring that each lesson is both meaningful and engaging. We offer a wide range of workshops and projects that cover diverse topics such as art, science, and engineering. These activities not only ignite students' curiosity but also equip them with the practical skills necessary to thrive in a rapidly changing world.

Through our interactive sessions, students are encouraged to explore their creativity, work collaboratively, and communicate their ideas effectively. By fostering an environment that values innovation and experimentation, we help students build confidence in their abilities and inspire a lifelong passion for learning.

# ABOUT OUR STEAM TEAM

Hey! We're Deanna and Jamie, two teachers turned business owners who wanted to bring a fresh approach to learning. By joining forces, we set out to inspire children's passion for discovery through immersive, hands-on STEAM adventures. Together, we bring nearly three decades of teaching experience and unique perspectives, enabling us to create learning environments rich in innovation and empowerment.



## ***Unlocking Potential Through Expert Education***

We are educators with extensive training in trauma awareness, conscious discipline, PBIS, and more! What does this mean for you? Our expertise allows us to manage classrooms effectively, applying our training to create the safest and most enriching experiences for students. Invite Dakota STEAM Learning to support your teachers! We can fully engage the class in a STEAM challenge while the classroom teacher uses this time to plan, enhance their skills, or handle other responsibilities.

## ***Our Unique Approach***

Unlike many typical STEAM activities, our lessons do not rely on step-by-step instructions or guided directions. Instead, we challenge students to become true innovators and independent problem solvers. Our approach pushes learners beyond mere recreation into creative innovation, where multiple solutions exist, and flexible thinking is essential. In an ever-changing world, these foundational STEAM skills enable students to adapt to new situations and complex challenges, ensuring their success regardless of what the future holds. We're excited to share these lessons and experiences beyond our community and empower others to achieve STEAM success using our resources.

## **Partnering**

Dakota STEAM Learning is eager to collaborate with schools and communities in South Dakota and nearby areas! Our STEAM program offers a distinctive experience for both staff and students. We engage students through hands-on opportunities that enhance their classroom learning and extend it beyond the classroom.

We elevate traditional STEAM instruction by providing avenues to tackle challenging STEAM projects across various environments, linking STEAM to real-world applications and science standards.

At Dakota STEAM Learning, we elevate traditional STEAM instruction by providing opportunities to tackle challenging tasks in a single setting. Our STEAM program links to Mystery Science, real-world examples, and much more.

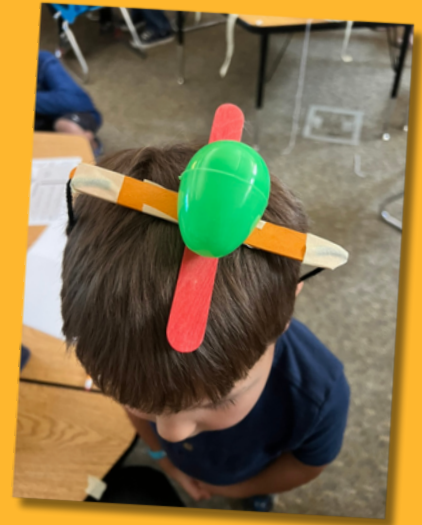


# TEACHER GROWTH AND PLCS

As experienced former public elementary educators, we deeply understand the challenges schools face in providing their teachers with adequate planning time. We know how critical it is for teachers to have time each year to learn new curricula, refine lesson plans, and analyze student data; these opportunities seem to be diminishing. That's where Dakota STEAM Learning comes in!

Our program is specifically crafted to address this need by offering a dual benefit: giving teachers the time they need while ensuring students receive exceptional STEAM education. On average, we provide 10 STEAM sessions per grade level throughout the school year. During these sessions, teachers receive valuable additional planning time or the chance for monthly collaborative team planning.

Schools can select a particular day of the week for Dakota STEAM to engage an entire grade level. We can accommodate up to three grade levels per day, rotating through them every week. This system ensures that every teacher gains extra planning time while their students dive into exciting STEAM challenges. The best part? Classroom teachers don't need to prepare lesson plans for these sessions, freeing up even more of their precious time!



## **Classroom Teacher Ideas:**

- Individual Planning Time
- Reviewing Test Data
- Setting Goals for Students
- Meeting with a Coach or Administration
- Learning New Skills through Training
- Observing Other Building Teachers

Our science-focused STEAM Curriculum is tailored to align with science standards and pacing guides. Our lessons are designed to extend student learning by encouraging critical and creative thinking, making cross-curricular connections, and linking to real-world scenarios. Let us help your school support its educators while inspiring its students with Dakota STEAM Learning.



# DISCOVER THE INCREDIBLE BENEFITS OF OUR “INNOVATE” PACKAGE

## “Innovate” Schoolwide STEAM Program

The grade-level STEAM challenges consist of 1.5 hours of engaging activities. Each session allows students to tackle one STEAM challenge, with all necessary materials provided.

- Each session includes every K-5 class participating in a single 1.5-hour STEAM project. This typically takes two days per session to provide STEAM to every K-5 grade level.
- Typically, three grade levels participate each day.
- You can book an “Innovate” Package once or up to 12 times throughout the school year.
- Grade-level plan time can range from 1.5 hours (1 session) to 18 hours (12 sessions).

## “Innovate” Package Highlights

- **3 Grade Levels Per Day:**
- **1.5 hours of educator plan time**
- **Sample Schedule**
  - 8:30-10:00 a.m.
  - 10:15-11:45 a.m.
  - 12:45-2:15 p.m.

On average, Dakota STEAM conducts 1.5-hour sessions, delivering either an engineering or an art project on each visit. Pricing is based on the number of students served and material costs, so please refer to our pricing sheet for details.

**The possibilities for supporting your staff and students are limitless!**

