

About Us!

Hello!

Dakota STEAM Learning STEAM Our Way!

Welcome to Dakota STEAM Learning! 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 that have allowed us to create learning environments rich in innovation and empowerment.

CREATE
CONFIDENCE!
STEAM
ANYWHERE!



ABOUT US



THE PROCESS



DAKOTA STEAM WAY



DIGITAL LESSONS



4CS IN STEAM



FOLLOW US ON SOCIAL
MEDIA TO LEARN MORE!



About Us!

Meet Deanna!

Dakota STEAM Learning Owner & Content Creator

Deanna started her teaching journey in 2012 as a 5th-grade teacher. She entered teaching as a reading and social studies enthusiast, but by the end of her first year, she had become a science lover. She continued to teach 5th grade for several years and loved her classroom community. She never imagined transitioning from an upper-grade teacher.

After her family moved cross-country for her husband's job, she was offered a position as a 21st-century K-5 specials teacher. That was a fun new challenge, and within a few months, she knew that STEAM was the way to help her students become 21st-century learners. Over the next 5 years, her specials teaching was all about STEAM, and she loved building the program and content from the ground up.

When it was once again time for a life transition, she knew it had to be related to STEAM and that there was so much more she could explore and accomplish to work with more students and help teachers deliver the best version of STEAM in their classrooms and school communities.



MOTHER OF 3



EDUCATOR



PLAYS PICKLEBALL



LOVES TO TRAVEL



GREW UP IN CA



About Us!

Meet Jamie!

Dakota STEAM Learning Owner & Content Manager

Jamie began her teaching career in 2012, initially teaching 5th grade until 2019, when she transitioned to 7th-grade middle school math. She has an immense passion for education and is dedicated to providing rigorous learning opportunities for her students, believing that all students can tackle challenging tasks.

Jamie has actively participated in various professional development activities, collaborating with other teachers and supporting new educators as they enter the classroom.

Throughout her career, Jamie has shared her enthusiasm for education by building professional networks, developing new content, and delving into educational standards and best practices in teaching.

Her experience has come to fruition at Dakota STEAM, where the team has developed unique STEAM content to help educators effectively incorporate STEAM into their classrooms while meeting learning standards.



MOTHER OF 2



EDUCATOR



SNOWBOARDER



LOVES TO CAMP



GREW UP IN SD



About Us!

Meet Scout!

Dakota STEAM Learning Mascot

This is Scout, our STEAM mascot!

Scout was designed by Jamie's talented sister, Charley who also created our logo.

Scout is one of a kind and will help students along their STEAM journey using the Canva STEAM slides and more.

Scout loves to promote our program's mission to push students towards creative innovation, where flexible thinking is key. Scout is extremely curious, adaptable, and has clever problem-solving skills.



LOVES TO LEARN



CREATED IN 2025



EXPLORER



CREATOR



GREW UP IN A DEN



DAKOTA STEAM

How Can We Help?



At Dakota STEAM, we are thrilled to introduce our STEAM Guide for STEAM enthusiasts! Our STEAM products cover so many important concepts that facilitators need to connect with the kids they teach.

We don't want to make an activity just for the sake of an activity. At Dakota STEAM, we value standard connections, real-world examples and experiences, and the teamwork and communication skills that every participant needs to acquire for career readiness.

How can Dakota STEAM help you? We offer digital lesson plans and resources unlike any you've seen before! Our lessons are packed with information for students and videos to follow along with; the only prep a teacher needs is to provide the materials!

See the next pages for more information about our digital lessons!



FOSTERING CREATIVITY



HANDS-ON LEARNING



DIVERSE MATERIALS



CREATING CONFIDENCE



SCIENCE STANDARDS



COMMUNITY



STEAM SPECIALISTS



ONE-OF-A-KIND STEAM

STRESS-FREE STEAM STARTS HERE!

DAKOTA STEAM

STEAM Guide



Our STEAM Philosophy

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

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 ready to thrive in any future circumstances.

“Initially, I found professional development meetings on STEAM overwhelming. The instructors presented it as an effortless addition to the classroom, but I often struggled to integrate it into my curriculum. It felt like I was trying to fit it in randomly. However, partnering with Deanna has been a game-changer! Together, we’ve worked to make STEAM more accessible for kids in our community, and it’s truly inspiring to see how this collaboration has empowered educators to embrace it more confidently. Exciting times lie ahead for all of us!”- Jamie

DAKOTA STEAM

STEAM Guide



Our Unique Approach

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.

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.

"For me, STEAM is all about helping kids become empowered and capable of thriving in any environment. We don't know what the world will look like in the future, but if our kids can be creative, think critically, communicate effectively, and collaborate with others, then I know they can be successful. STEAM is a magical combination of innovation, decision-making, and a growth mindset that is so important for our future." - Deanna

DAKOTA STEAM

STEAM Guide



STEAM Facilitator Guides

Facilitator STEAM Guides

Equipping Educators to Lead Meaningful STEAM Learning

Our Facilitator Guides are designed to give educators the clarity, confidence, and support needed to lead engaging STEAM experiences with purpose. Organized by topic, the guides provide a diverse range of meaningful content, with a strong emphasis on science and robust engineering and art strands. They also offer intentional opportunities to connect math, technology, and other STEAM elements in ways that help students see how learning works together across disciplines.

Each guide is filled with valuable insight into the design and progression of every lesson. Educators are supported with clear explanations of the purpose behind each slide, making it easier to guide discussions, encourage student thinking, and create a meaningful learning experience. The guides highlight journaling moments that align with our STEAM Journals, helping students document observations, reflect on their ideas, and deepen their understanding throughout the process. They also identify opportunities to incorporate carefully selected videos from trusted sources to further enrich learning.

Every lesson is intentionally designed to develop the 4Cs- creativity, collaboration, communication, and critical thinking- while integrating the Engineering Design Process, scientific methods, and the innovative artistic approach of “Where’s the STEAM?” With thoughtful guidance and engaging content at every stage, Facilitator Guides empower educators to create learning environments where children can explore, create, question, and grow with confidence.

Tips & Tricks of STEAM!

STEAM Guides

STEAM the DSL Way

How can we provide you with even better assistance?

We have developed facilitator STEAM guides and slides. Simply scan the QR codes to access our helpful teaching tips and tricks. The slides also include a video for you to watch.

Our guides align with the content in our lesson plans. Download free posters from our website to enhance your classroom displays.



HANDS-ON LEARNING



STEAM JOURNALS



COMMUNICATION



COLLABORATION



CREATIVITY



CRITICAL THINKING



REAL-WORLD EXAMPLES



INSPIRATIONS



WHERE'S THE STEAM?



SO MUCH MORE!

STEAM Guides

The DSL Way!

Scan the QR code or click the Title Link to view our guides and learn more about The Dakota STEAM Way!

Engineering

DSL STEAM Guides

[Engineering Link](#)



[Engineering Mini](#)



Art

DSL STEAM Guides

[Art Link](#)



[Art Mini](#)



Science

DSL STEAM Guides

[Science Activity](#)



[Science Experiment](#)



STEAM Guides



YouTube Video Resources

*Check out the links or codes below to learn more about our products and how to use them!

Engineering

DSL STEAM Guides

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[Engineering Mini](#)



Art

DSL STEAM Guides

[Art Link](#)



[Art Mini](#)



Science

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