Spark Studio

1 session 3 hours

Why Spark Studio?

Many educators leave introductory sessions excited about the possibilities of 3D printing but still wonder, “Where do I begin?” Spark Studio bridges the gap between inspiration and action. Participants explore the complete design-to-print process while learning how 3D printing, design thinking, and problem-solving can enhance student engagement and support meaningful learning across content areas. Through guided practice and real classroom connections, educators gain the confidence, skills, and momentum needed to begin implementing innovative learning experiences in their own classrooms.

Who Should Attend?

Classroom Teachers: *Gain hands-on experience with 3D design and discover authentic ways students can create, problem-solve, and demonstrate learning beyond traditional assignments.*

STEM & Innovation Teachers: *Expand project-based learning opportunities through engineering design, rapid prototyping, and student-centered innovation challenges.*

Administrators: *See how emerging technologies support school improvement, engagement, and workforce development.*

Library Media Specialists: *Learn how to facilitate meaningful design experiences that transform makerspaces into active centers for creativity, collaboration, and problem-solving.*

Instructional Coaches: *Develop strategies and resources to support teachers as they implement 3D printing, design thinking, and innovative instructional practices across grade levels and content areas.*

Why Schools Choose Spark Studio

Schools are often ready to move beyond exploring 3D printing and begin building teacher confidence, but many educators need hands-on experience before implementing new technology in their classrooms. Spark Studio provides a supportive environment where participants can learn by doing, creating a strong foundation for successful classroom integration.

Spark Studio provides:

✓ Hands-on experience with the complete design-to-print process

✓ Confidence using beginner-friendly 3D design tools

✓ Practical classroom applications aligned to curriculum and standards

✓ Guided support from experienced educational facilitators

✓ Classroom-ready resources and implementation planning tools

✓ A clear pathway toward deeper professional learning and implementation

✓ Immediate momentum for bringing innovative learning experiences to students

Signature Promise

Every Educator will leave Spark Studio with:

A completed 3D design they created themselves.

A clear understanding of the design-to-print process.

Practical ideas for classroom implementation.