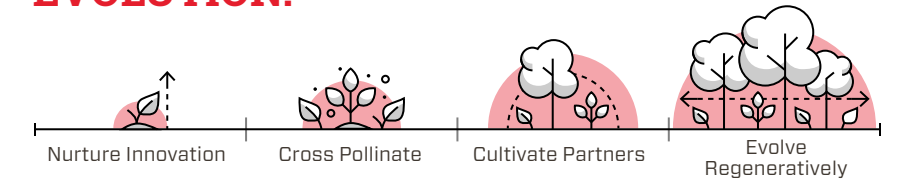


LEARNING EXPERIENCE GOALS

OMSI amplifies the connectivity of topics, people and communities through generative learning experiences. Learning with OMSI cultivates personal and social

transformation for diverse learners of all ages. With our community of partners, we catalyze energy, empower action, foster identity-building and deliver meaningful outcomes towards equity in education among our audiences and staff.

EVOLUTION:



WHAT MOTIVATES LEARNERS?

Learning Categories:

OMSI will create multidimensional pathways among these five content areas.

PEOPLE AND PLACE

I wish to learn the science of human behavior connecting to a sense of place, how the physical world is evolving and how we can improve the quality of life on Earth.

SCIENCE SKILLS AND CORE CONCEPTS

I wish to learn foundational science concepts based in diverse systems of knowledge and understanding. I also want to develop 21st century science learning skills such as collaboration, creativity, critical thinking and communication.

WHAT DO LEARNERS GAIN?

Learners cultivate their own multi-dimensional wisdom and learning in these five ways.

Learners gain deep understanding of the relationship between people and physical environments. Culturally relevant experiences deepen the science skills needed to activate progress toward long-term wellbeing in communities.

Students achieve grade-level comprehension of core skills in ways that are culturally relevant, exciting their love of science as a future path. Teachers gain certification and continued education related to best current thinking.

Learners nurture an appreciation and enjoyment for science by stimulating their senses, generating emotional resonance and creating long term memories.

Learners gain skills that ignite future STEAM careers and foster professional development to activate economic growth and innovation.

Learners gain wider perspective, creative power and personal agency. With these skills, they collaborate with communities to shape policy, build social equity and elevate hearts and minds toward positive actions.

SENSORY EXPLORATION

I wish to experience science through unforgettable sensory experiences that foster feelings such as awe, mystery, fear, and playfulness.

**DESIGN AND
INDUSTRY
SCIENCE**

I wish to learn the science of design, engineering, and maker skills to generate innovative solutions to contemporary problems.

**SOCIAL
SCIENCE
AND ARTS**

I wish to learn how diverse ideas are exchanged through the social sciences and arts to understand and solve societal challenges.