

At MOSS, we want all students to feel a sense of belonging. We invite students to explore their unique identities and strengths, empower them to work together with others, and investigate complex issues in our local and global communities. We believe that all learning is personal, based on first-hand observations and inquiry of social and ecological communities. These communities are our classrooms. We want students to learn that deep knowledge of individual subjects like math, science, and social studies are essential in the “real world,” but we also want students to see that all subjects work together help us understand how the world *works* and how to ensure equity, justice and sustainability among all living things. Through the MOSS experience, students leave with a better understanding of how to take care of themselves, how to take care of each other, and how to take care of the places we all live.

## Program Design

### MOSS K12 Program

#### Goals

1. Sense of Place
2. Scientific Literacy
3. Community Skills



### Next Gen. Science Standards



### Equity-centered STEM learning principles

## Program Implementation

### Guiding Questions

1. What are the parts and characteristics of this place?
2. How are those things interacting with one another?
3. How can we ensure those interactions are equitable, just and sustainable?

### Instructional Practices

at MOSS we:

- Facilitate student-centered, responsive instruction
- Directly observe the natural world with tools available to us.
- Guide inquiry, investigations, and discussions to make meaning of observations
- Learn collaboratively
- Practice compassion for self, others, and place

## Program Results

### Outcomes

at MOSS students will:

1. Practice citizenship and stewardship of a place
2. Understand systematic processes for investigating the world
3. Develop skills for effective communication and collaboration



# MOSS K12 Philosophy

## Big Ideas

- ★ We are all inextricably connected to each other and the Land
- ★ We all have the ability to investigate, explore, notice and wonder about the place where we live (social & ecological systems)
- ★ We all have a responsibility to our collective wellbeing
- ★ We all have an inherent right to wellbeing