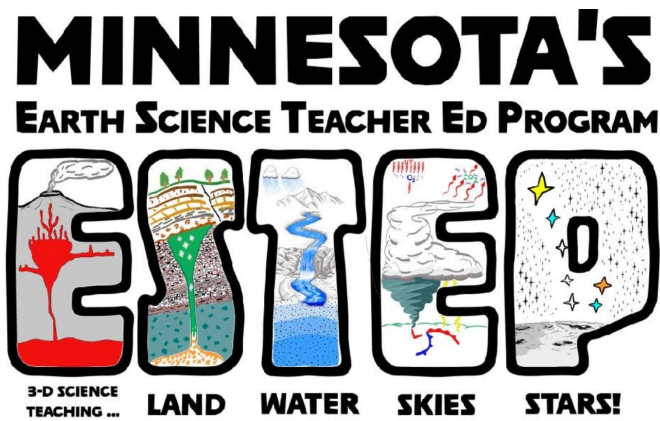


ESTEP 2021 STATS

- 3 - one week long bootcamps (Bemidji, Eden Prairie, Champlin Park)
- 97 participants - All camps filled (waitlist of 20+ teachers)
- \$390.00 (paid for by teachers and some districts; cost of meals, mileage and lodging not included)
- Bootcamp focus: Prepare teachers to implement the new 2019 6th grade Earth Science Standards by DOING the science they will facilitate in their classrooms.
- Model and practice 3 dimensional pedagogy and teaching strategies through the content
- Create cohorts of teachers that can facilitate trainings in their own districts
- Provide time and opportunity for teachers to begin shifting their unit and lesson planning skills to focus on the doing of science in their classrooms



Participant Testimonials

"I really enjoyed participating in activities that were designed using new teaching strategies. They are great models to use for my lessons."

"Applying the SEPs with our various lessons throughout the week was so valuable. Having discussions with colleagues and having time to brainstorm how we can apply it in our own unique classrooms and limitations was very meaningful. I walked away from this week feeling like "I got this!," and when I don't, I have a community of other professionals and mentors who can help me and collaborate with me."

"I really enjoyed my week of learning. I loved the field experiences and all of the opportunities to collaborate with others. I also appreciated thinking from the student perspective and the teacher perspective. All of the modeling of the pedagogy was also amazing. I was able to pull out multiple strategies every day that I can easily share and utilize with my teachers and students."

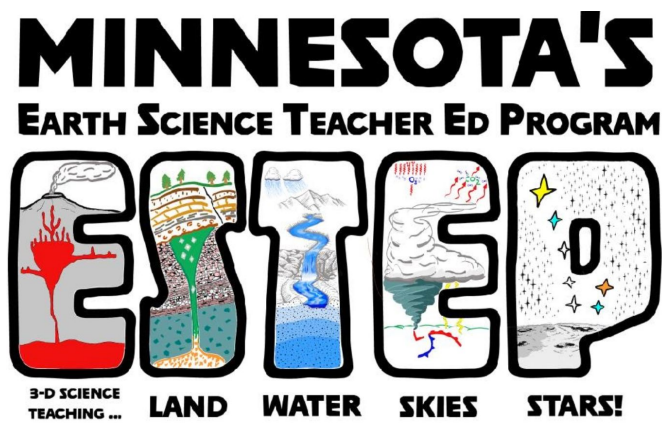
"I feel much more comfortable with 3D teaching methods than I did before. I really really appreciated this boot camp!"

"I have been teaching for 17 years. This was the best professional development I have ever had, by far, times ten. I came in with a sense of confusion and felt overwhelmed. This answered so many questions and gave me a sense of confidence moving forward."

"I feel so much more prepared to start teaching the new Minnesota State Standards! I was feeling very overwhelmed before I started this week, and am now ready to tackle this."

"Being a newer teacher...and not having the content knowledge for a completely different science topic... this bootcamp was the perfect start for my progression in teaching 6th grade Science. I am even able to take what I learned from this bootcamp for my 5th grade Science. This type of bootcamp would be beneficial for any science teacher, not matter the content. The modeling and pedagogy works for all!"

"The ESTEP Bootcamp helped inspire me! I can move forward with confidence in helping students be more curious about science! The practices are an amazing way to draw out learning! Thank you!"



ESTEP 2022 Goals

- 3 – one week long 6th grade Earth and Space Science bootcamps (Alexandria, Mankato, Metro area)
- 1 – HS Earth and Space Science bootcamp
- Increase the number of highly qualified, licensed 9–12 Earth and Space Science teachers, especially in greater MN (over 100 MN teachers already committed if funding allows)
- Affordable for teachers and districts by securing funding to offer bootcamps and cohorts for three summers
- Continue our commitment to increase participant diversity and recruit non-traditionally prepared educators from around the state
- Add intentional focus on the literacy and mathematical computation science practices to help bridge the gap in learning loss
- Optional graduate/undergraduate credit
- Accessible for Metro and Greater MN teachers