Education and Outreach

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Cultural Advisory Committee December 5, 2022

Underground Research Facility

South Dakota Science and Technology Authority





SURF Cultural Advisory Committee

Learning and Building Relationships



"Working together as one, for the betterment of all!"

2022 Indian Education Summit



SURF Cultural Advisory Committee

The Stories of E&O: Cheyenne Eagle Butte



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The Stories of E&O: Marty Indian School





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The Stories of E&O: Box Elder Job Corp



The Stories of E&O: Always Learning







The Stories of E&O: The Results of Intention





South Dakota Science and Technology Authority

Education and Outreach: By the Numbers

School Year	2018-2019 (pre-COVID)	2019 — 2020 (COVID begins)	2020-2021 (during COVID)	2021-2022	2022-2023 (July-Nov)
Field Trips	1,117	254	58	485	215
Classroom Presentations	6,704	3,704	2,005	14,038	4,621
Curriculum Units	3,598	3,236	3,384	3,718	1,439
Other	1,055	918	298	1,468	510
Total Student Contacts	12,474	8,112	5,745	19,709	6,678



South Dakota Science and Technology Authority

CAC Review Recommendations Status

ID #	Recommendation	Status		
10 open	Visit universities to discuss the types of internships available at SURF with an emphasis on American Indian universities and colleges	Spring 2023 – Refine list of tasks and events to support robust recruitment Spring 2023 – Collaborate with IDEA/Comms to update SURF careers videos		
11 open	Consider adding some type of measurement process to indicate student interest in science as a result of E&O work at SD schools	Spring 2023 – Create list of data collection practices of other facilities Spring 2023 – Develop and implement data plan from external evaluator		
21 closed	Encourage E&O to continue outreach to teacher preparation programs throughout South Dakota	Spring 2023 – Work with IDEA to build partnerships with tribal colleges Fall 2023 – Scheduled activities in place with at least one tribal college		
27 closed	Suggest that E&O work with the Public Broadcast system in getting information out to the public.	On-going – Work with Comms to share information with SD communities through SDPB		
28 Closed	Adjust outreach focus to building relationships and trust with underreached and isolated communities in South Dakota. Be explicit both internally and with appropriate stakeholders that this will likely result in a decrease in the total number of students reached in a given year.	On-going – System to track interactions with districts across SD. Analyze data to understand demographics of schools served Fall 2023 – Report data and report progress towards reaching more underreached and isolated communities		

