



2025 iSEE Report

4 Year Review of Hawkwatch International, Natural History Museum of Utah, and Red Butte Garden

Purpose of Report

R277-443-7 states:

(3)(a) At least once every four years, the Superintendent shall review and evaluate all organizations' participation in the iSEE program, which may include:

- (i) evaluation of an educational service plan, or year-end report;
- (ii) attendance at outreach or a site visit; and
- (iii) financial monitoring.

(b) The Superintendent shall:

- (i) report to the Board the results of the review and evaluation; and
- (ii) make a recommendation to the Board regarding an organization's continued participation in the program based on how well the organization fulfills the purpose of this rule.

Informal Science Education Enhancement (iSEE)



Informal Science Education Enhancement

iSEE Partner Organizations



iSEE Details

- Funded by Utah State Legislature through USBE
- Governed by R277-443
 - Required to match State funds with other funding
 - Provides outreach programs aligned with grade-specific SEEd standards
 - Also includes field trips, teacher professional development, teaching resources, and virtual programming
 - Minimum 3-year rotation basis for outreach programming
 - No cost to publicly funded schools
- iSEE Performance Measures
 - Outreach Student Experiences
 - Field Trip Student Experiences
 - Professional Development Teacher Experiences

Outreach

Field Trips

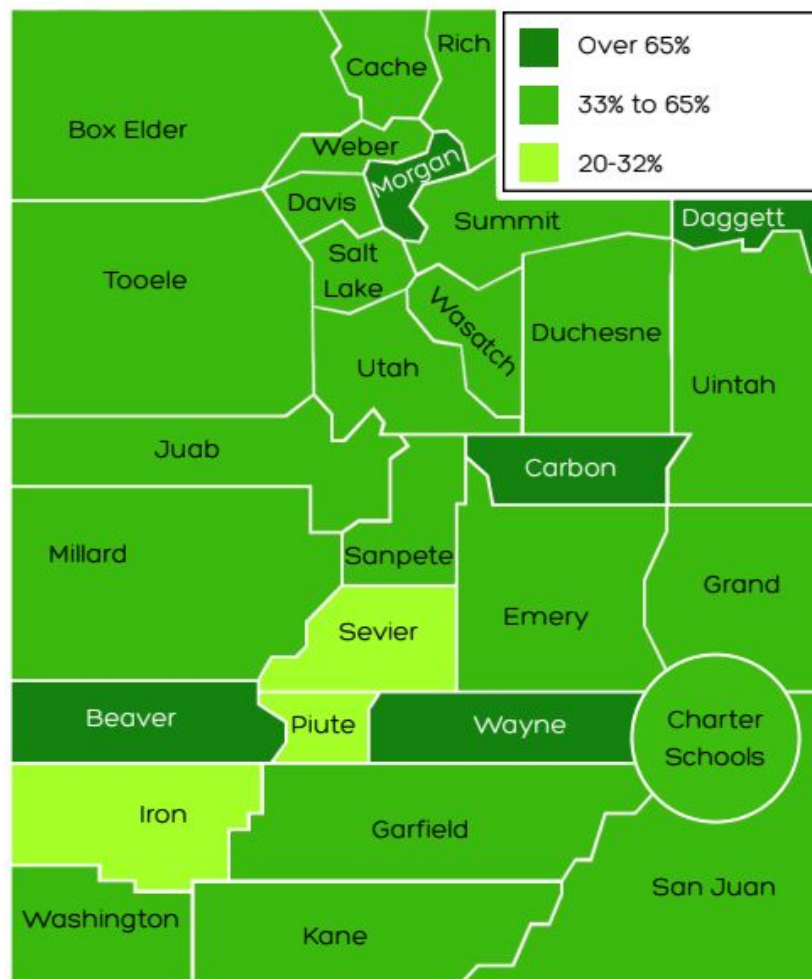
Professional Development



Outreach Programming

2024-2025 School Year

- 294,106 Student Experiences (667,789 Students Statewide)
- For every \$1.00 appropriated, iSEE members matched with \$1.58



44%

Utah students served in the 24-25 school year

iSEE partners have a mandate to offer outreach to each school once every three year.

In the 24-25 school year they visited an average of 44% of students statewide



Outreach Program Grades

Organization	K	1	2	3	4	5	6	7	8	9	10	11	12
Clark Planetarium							X						
Discovery Gateway Children's Museum	X					X							
HawkWatch International										X	X	X	X
The Leonardo								X	X				
Loveland Living Planet Aquarium			X		X		X						
Natural History Museum of Utah					X								
Ogden Nature Center		X											
Red Butte Garden		X											
Thanksgiving Point				X					X				
Utah's Hogle Zoo			X										
Utah State University Extension						X							



Field Trip Programming

Field trips are provided at no cost for public and charter schools.

Field trip programming aligned with the SEEd Standards.

2024-2025 School Year

- 347,146 Student Experiences (667,789 Students Statewide)

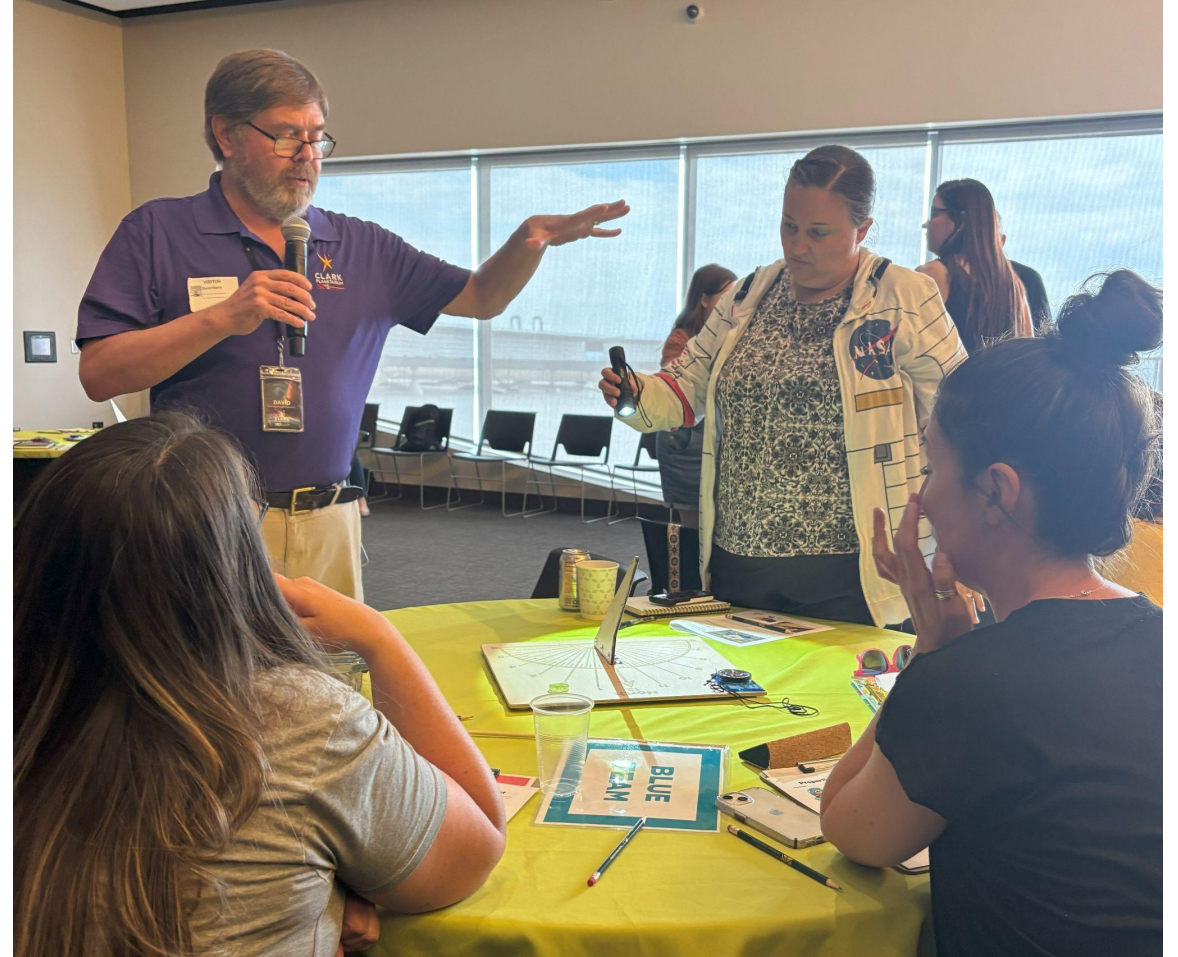


Teacher Professional Development

Provide Professional Development to teachers aligned to SEEd Standards.

2024-2025 School Year

- 1,255 Teacher Experiences (14,611 Elementary Science Teachers & 2,167 Secondary Science Teachers Statewide)



4 Year Review Process

- iSEE Organizations are reviewed on a 3-4 year rotation for their 4 year review.
- Organizations on review year participate by using the [iSEE 4 Year Program Evaluation Rubric](#) looking at the following:
 - Educational Service Plan
 - Outreach Site Visit
 - Financial Monitoring
 - Annual Report
- Three organizations participated in the review this year

Classroom Outreach

- BIO.1 High school biology students analyse and interpret data, utilize ecosystem models, and construct explanations based on evidence using data from HawkWatch International's (HWI) migration network and ongoing scientific research to explore ecosystem dynamics through the lens of birds of prey.

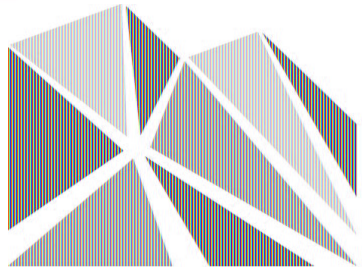
Field Trips

- Teachers and students accompany HWI Educators to migration-monitoring sites where they interact with field biologists and participate in collecting data and hands-on raptor ecology.

Teacher Resources

- HWI provides teacher workshops with deep dives into some of the most complicated science practices: analyzing and interpreting data and utilizing models. In addition, over 40 lesson plans are available as digital resources.





NATURAL HISTORY MUSEUM OF

Outreach:

- Museum on the Move outreach to 4th grade classes, with five topics on Strand 4.1 : Organisms functioning in their environment, including structure and function of organisms, stability and change from fossil evidence
 - Two-year rotation for “trip” schools, annual visits for specific schools in Salt Lake County, three-year rotation for everyone else (but growing and hoping to visit more frequently!

Field Trip:

- Self-guided field trips offered for K-12 and beyond

Professional Development:

- Teacher professional development offered both at NHMU and around the state



Additional teacher resources:

- Teaching Toolboxes for checkout
- Research Quest online investigation
- Stay Curious webinars





Outreach: 1st Grade Standards 1.2.1

- Visits every district each year, offered to about a third of schools in each district
- Visits every charter school at least every third year

Field Trips:

- Garden Investigations for 1st - 6th grade SEEd standard focused field trips. Other grades are welcome to visit and explore at their own pace.

Teacher Resources:

- Botany Bins: reusable district-based kits for 2nd and 6th
- Botany Boxes: single use, on-demand kits for K - 4th
 - New Grow lab kit included Fast Plants® seeds

Review Report

Organization Reviewed	Overall Summary Evaluation	Recommendation
Hawkwatch International	Proficient	Continue Participation in iSEE
Natural History Museum of Utah	Proficient	Continue Participation in iSEE
Red Butte Garden	Exemplary	Continue Participation in iSEE

Questions?



Utah State University
BOTANICAL CENTER



CLARK
PLANETARIUM



JHT LEONARD



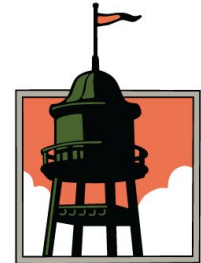
discovery gateway
children's museum



LOVELAND LIVING PLANET
AQUARIUM™



RED BUTTE
GARDEN
THE UNIVERSITY OF UTAH



THANKSGIVING
POINT



NATURAL HISTORY
MUSEUM OF UTAH

Rio Tinto Center | The University of Utah



Ogden
Nature Center

Utah's 
HOGLE ZOO

iSEE 4 Year Program Evaluation Rubric

[Board rule R277-443-7-3](#) states that “At least once every four years, the Superintendent shall review and evaluate all organizations' participation in the iSEE program,...report to the Board the results of the review and evaluation, and make a recommendation to the Board regarding an organization's continued participation in the program”. This rubric is designed to fulfill the requirements of this board rule.

Organization:

Review period:

Evaluator:

Instructions: For each criterion below, select the performance level that best describes the organization's performance during the review period. Provide specific evidence and comments to support the rating.

Rating Scale:

- **Exemplary (4):** The organization consistently exceeds expectations and demonstrates exceptional performance in this area.
- **Proficient (3):** The organization consistently meets expectations and demonstrates strong performance in this area.
- **Developing (2):** The organization inconsistently meets expectations in this area.
- **Unsatisfactory (1):** The organization does not meet expectations in this area and requires significant improvement.

5 Feb 2026

Educational Service Plan					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Aligned to SEEd Standards	☐ All educational services are aligned to SEEd standards and alignment is clearly communicated to stakeholders	☒ All educational services are aligned to SEEd standards	☐ Outreach programming is aligned to SEEd Standards	☐ No educational services are aligned to SEEd standards	
Offered Educational Services	☐ All educational services receive equal resources and program success	☒ Outreach programming is the primary focus; other educational services are supplementary	☐ Outreach programming is supplementary to other educational services	☐ No outreach programming is provided	

5 Feb 2026

Outreach Experience					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Follows State law and Board Rule	NA	☒ Facilitators observed following all state laws and board rules.	NA	☐ Facilitators observed not following state laws and board rules	
Student Sensemaking of a Phenomenon	☐ Instruction is driven by student questions and the need to explain and make sense of a phenomenon.	☒ Instruction utilizes the instructor guiding students to make sense of a phenomenon.	☐ Instruction is lecture driven utilizing a phenomenon.	☐ Instruction is lecture driven without a phenomenon.	
Three - Dimensional Science Instruction *See Appendix to the SEEd Standards .	☐ Instruction has students authentically using the SEPs and CCCs with the DCIs at the appropriate grade level.*	☒ Instruction has students using both the SEPs and CCCs with the DCIs to make sense of a phenomenon.	☐ Instruction has students use either the SEPs or CCCs with the DCIs to make sense of a phenomenon.	☐ Instruction has students only use the DCIs to make sense of a phenomenon.	

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Outreach Experience Continued

Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Multi Language Learner Supports	☐ Instruction has students listening, speaking, reading, and writing in collaboration with their peers	☒ Instruction has students listening, speaking, reading, and writing	☐ Instruction utilizes two or three of the language domains (listening, speaking, reading, writing)	☐ Instruction utilizes only one of the language domains (listening, speaking, reading, writing)	

Financial Monitoring

Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Matching Funds	NA	☒ The organization provided at least a \$1.00 match with state funds for the last four years	NA	☐ The organization provided less than a \$1.00 match with state funds for each of the last four years	
Reimbursement Requests	☐ Reimbursement requests are submitted monthly	☒ Reimbursement requests are submitted quarterly	☐ Reimbursement requests are submitted bi-annually	☐ Reimbursement requests are submitted annually	

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Financial Monitoring Continued					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Allowable Expenditures	NA	☒ All reimbursement requests include allowable expenditures	NA	☐ Reimbursement requests have included unallowable expenditures	
Receipts on File	☐ Organization has more than 5 years of receipts on file	☒ Organization has 3 years of receipts on file	☐ Organization has less than 3 years of receipts on file	☐ Organization does not have receipts on file	
Cost Effectiveness and Procedural Efficiency	☐ The organization maximizes the reach and quality of its educational services while maintaining minimal operational costs	☒ The organization demonstrates cost effectiveness and procedural efficiency in its use of iSEE funds, as reported in the year-end report	☐ There are concerns about the cost effectiveness or procedural efficiency of the organization use of iSEE funds	☐ The organization does not demonstrate cost effectiveness or procedural efficiency in its use of iSEE funds	

Annual Report					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Timely Submission	NA	☒ All the required documents are submitted before the submission deadline	☐ Some of the required documents are submitted before the submission deadline	☐ None of the required documents are submitted before the submission deadline	
Performance Measures	☐ All performance measures are well above expected results	☒ Performance measures are within expected results	☐ Some performance measures are below expected results	☐ All performance measures are below expected results	
Narrative Report Requirements	☐ All required elements of the narrative are clearly provided, well organized, and has supporting documentation in appendices	☒ All required elements of the narrative are provided and are well organized	☐ All the required elements of the narrative are provided. Report is unorganized or hard to follow	☐ Required elements of the narrative are missing	

Annual Report Continued					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Offering of Outreach to Grade Relevant Schools	☐ Two thirds of relevant Utah schools have the opportunity to receive outreach experiences yearly	☒ One third of relevant Utah schools have the opportunity to receive outreach experiences yearly	☐ One fourth of relevant Utah schools have the opportunity to receive outreach experiences yearly	☐ Less than one fourth of relevant Utah schools have the opportunity to receive outreach experiences yearly	
Evaluation System	☐ Evaluation system is implemented, results are reported, and improvements are evident	☒ Evaluation system is implemented and results are reported	☐ Evaluation system is implemented; results are inconsistent or not reported	☐ No evaluation system is implemented.	

Overall Summary and Recommendation

Based on the evaluation of the criteria above, provide an overall summary of the organization's performance and a recommendation regarding its continued participation in the ISEE program.

Overall Summary Evaluation: ☐ Exemplary ☒ Proficient ☐ Developing ☐ Unsatisfactory Justification for Rating: 	Recommendation: ☒ Continue Participation ☐ Continue Participation with Stipulations (Specify Stipulations) ☐ Recommend Conditional Continued Participation Pending Corrective Actions (Specify Actions and Timeline) ☐ Recommend Discontinuation of Participation Justification for Recommendation:
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Reviewer Signature:

Date:

5 Feb 2026