



2026 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

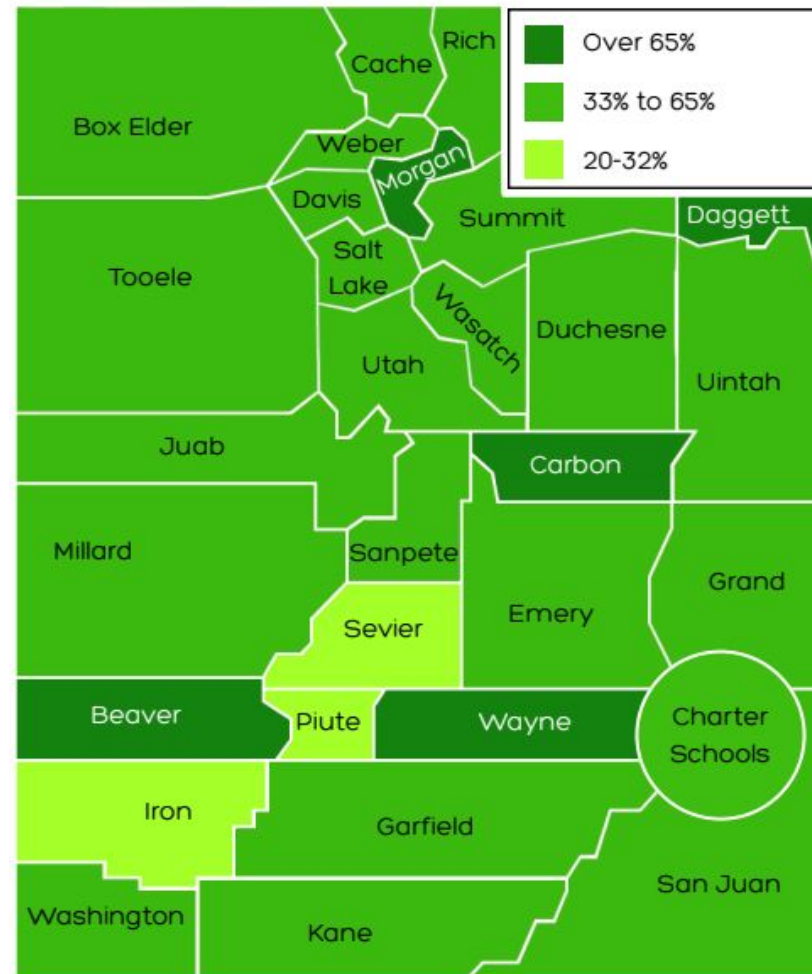
Professional Development



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)

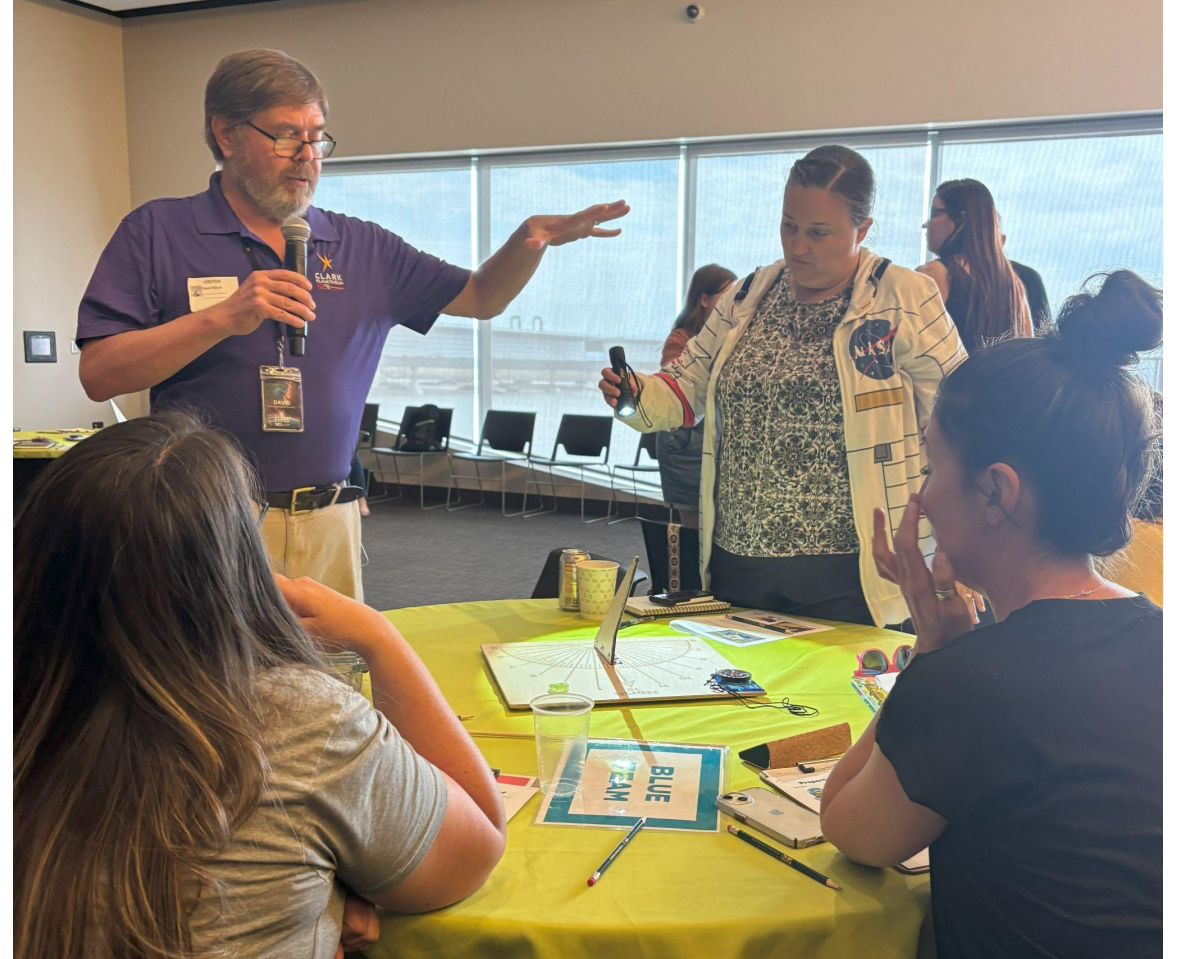


Teacher Professional Development

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





RedButte

Garden & Arboretum

UNIVERSITY OF UTAH



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?



UtahStateUniversity[®]
BOTANICAL CENTER



CLARK
PLANETARIUM



JHT LEONARD



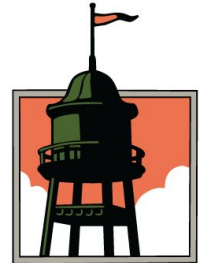
discovery gateway
children's museum



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.

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Educational Service Plan					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Aligned to SEEd Standards	<input type="checkbox"/> All educational services are aligned to SEEd standards and alignment is clearly communicated to stakeholders	<input checked="" type="checkbox"/> All educational services are aligned to SEEd standards	<input type="checkbox"/> Outreach programming is aligned to SEEd Standards	<input type="checkbox"/> No educational services are aligned to SEEd standards	
Offered Educational Services	<input type="checkbox"/> All educational services receive equal resources and program success	<input checked="" type="checkbox"/> Outreach programming is the primary focus; other educational services are supplementary	<input type="checkbox"/> Outreach programming is supplementary to other educational services	<input type="checkbox"/> No outreach programming is provided	

Outreach Experience					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Follows State law and Board Rule	NA	<input checked="" type="checkbox"/> Facilitators observed following all state laws and board rules.	NA	<input type="checkbox"/> Facilitators observed not following state laws and board rules	
Student Sensemaking of a Phenomenon	<input type="checkbox"/> Instruction is driven by student questions and the need to explain and make sense of a phenomenon.	<input checked="" type="checkbox"/> Instruction utilizes the instructor guiding students to make sense of a phenomenon.	<input type="checkbox"/> Instruction is lecture driven utilizing a phenomenon.	<input type="checkbox"/> Instruction is lecture driven without a phenomenon.	
Three - Dimensional Science Instruction *See Appendix to the SEEd Standards .	<input type="checkbox"/> Instruction has students authentically using the SEPs and CCCs with the DCIs at the appropriate grade level.*	<input checked="" type="checkbox"/> Instruction has students using both the SEPs and CCCs with the DCIs to make sense of a phenomenon.	<input type="checkbox"/> Instruction has students use either the SEPs or CCCs with the DCIs to make sense of a phenomenon.	<input type="checkbox"/> 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	<input type="checkbox"/> Instruction has students listening, speaking, reading, and writing in collaboration with their peers	<input checked="" type="checkbox"/> Instruction has students listening, speaking, reading, and writing	<input type="checkbox"/> Instruction utilizes two or three of the language domains (listening, speaking, reading, writing)	<input type="checkbox"/> Instruction utilizes only one of the language domains (listening, speaking, reading, writing)	

Financial Monitoring					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Matching Funds	NA	<input checked="" type="checkbox"/> The organization provided at least a \$1.00 match with state funds for the last four years	NA	<input type="checkbox"/> The organization provided less than a \$1.00 match with state funds for each of the last four years	
Reimbursement Requests	<input type="checkbox"/> Reimbursement requests are submitted monthly	<input checked="" type="checkbox"/> Reimbursement requests are submitted quarterly	<input type="checkbox"/> Reimbursement requests are submitted bi-annually	<input type="checkbox"/> Reimbursement requests are submitted annually	

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Financial Monitoring Continued					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Allowable Expenditures	NA	<input checked="" type="checkbox"/> All reimbursement requests include allowable expenditures	NA	<input type="checkbox"/> Reimbursement requests have included unallowable expenditures	
Receipts on File	<input type="checkbox"/> Organization has more than 5 years of receipts on file	<input checked="" type="checkbox"/> Organization has 3 years of receipts on file	<input type="checkbox"/> Organization has less than 3 years of receipts on file	<input type="checkbox"/> Organization does not have receipts on file	
Cost Effectiveness and Procedural Efficiency	<input type="checkbox"/> The organization maximizes the reach and quality of its educational services while maintaining minimal operational costs	<input checked="" type="checkbox"/> The organization demonstrates cost effectiveness and procedural efficiency in its use of iSEE funds, as reported in the year-end report	<input type="checkbox"/> There are concerns about the cost effectiveness or procedural efficiency of the organization use of iSEE funds	<input type="checkbox"/> 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	<input checked="" type="checkbox"/> All the required documents are submitted before the submission deadline	<input type="checkbox"/> Some of the required documents are submitted before the submission deadline	<input type="checkbox"/> None of the required documents are submitted before the submission deadline	
Performance Measures	<input type="checkbox"/> All performance measures are well above expected results	<input checked="" type="checkbox"/> Performance measures are within expected results	<input type="checkbox"/> Some performance measures are below expected results	<input type="checkbox"/> All performance measures are below expected results	
Narrative Report Requirements	<input type="checkbox"/> All required elements of the narrative are clearly provided, well organized, and has supporting documentation in appendices	<input checked="" type="checkbox"/> All required elements of the narrative are provided and are well organized	<input type="checkbox"/> All the required elements of the narrative are provided. Report is unorganized or hard to follow	<input type="checkbox"/> Required elements of the narrative are missing	

Annual Report Continued					
Criteria	Exemplary	Proficient	Developing	Unsatisfactory	Comments
Offering of Outreach to Grade Relevant Schools	<input type="checkbox"/> Two thirds of relevant Utah schools have the opportunity to receive outreach experiences yearly	<input checked="" type="checkbox"/> One third of relevant Utah schools have the opportunity to receive outreach experiences yearly	<input type="checkbox"/> One fourth of relevant Utah schools have the opportunity to receive outreach experiences yearly	<input type="checkbox"/> Less than one fourth of relevant Utah schools have the opportunity to receive outreach experiences yearly	
Evaluation System	<input type="checkbox"/> Evaluation system is implemented, results are reported, and improvements are evident	<input checked="" type="checkbox"/> Evaluation system is implemented and results are reported	<input type="checkbox"/> Evaluation system is implemented; results are inconsistent or not reported	<input type="checkbox"/> 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.

<p>Overall Summary Evaluation:</p> <p><input type="checkbox"/> Exemplary <input checked="" type="checkbox"/> Proficient <input type="checkbox"/> Developing <input type="checkbox"/> Unsatisfactory</p> <p>Justification for Rating:</p>	<p>Recommendation:</p> <p><input checked="" type="checkbox"/> Continue Participation <input type="checkbox"/> Continue Participation with Stipulations (Specify Stipulations) <input type="checkbox"/> Recommend Conditional Continued Participation Pending Corrective Actions (Specify Actions and Timeline) <input type="checkbox"/> Recommend Discontinuation of Participation</p> <p>Justification for Recommendation:</p>
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Reviewer Signature:

Date:

5 Feb 2026