INVESTING IN UTAH’S TEACHERS AND STUDENTS

A request for expanding iSEE legislative support

Informal Science Education Enhancement

iSEE experiences engage Utah students and teachers in science education programs designed to build science literacy.

NEED FOR SUPPORT

- **Add Breadth**: Move two proven RFP institutions, Thanksgiving Point Institute ($750,000) and Hawkwatch International ($100,000), to line item status to serve more students and teachers throughout the State.

- **Add Depth**: Increased support ($715,000) for existing organizations will allow them to meet the growing STEM demand we see in classrooms and to support development of new programs that align with the needs that teachers express for their classrooms.

- Investing an additional $1,565,000 will leverage a similar amount of private dollars, bringing over $8,500,000 in public and private dollars to support Utah teachers and students for an investment of just over $4,000,000.

- Supporting this initiative will allow us to excite and inspire students by giving them authentic experiences in STEM fields, starting at an early age and continuing through career planning.

2013/2014 Impacts

<table>
<thead>
<tr>
<th>Outreach</th>
<th>Field Trips</th>
<th>Teacher Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>291,409 Student Experiences</td>
<td>292,804 Student Experiences</td>
<td>55,938 Student Experiences</td>
</tr>
<tr>
<td>10,923 Teacher Experiences</td>
<td>14,913 Teacher Experiences</td>
<td>5,724 Teacher Experiences</td>
</tr>
</tbody>
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Total Student Experiences: 640,151
Total Teacher Experiences: 31,560
Public Investment: $2,600,240
Private Match: $3,612,335

Projected 2015/2016 Impacts

<table>
<thead>
<tr>
<th>Outreach</th>
<th>Field Trips</th>
<th>Teacher Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>397,020 Student Experiences</td>
<td>378,178 Student Experiences</td>
<td>86,500 Student Experiences</td>
</tr>
<tr>
<td>14,235 Teacher Experiences</td>
<td>17,421 Teacher Experiences</td>
<td>7,079 Teacher Experiences</td>
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</tbody>
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Total Student Experiences: 861,698
Total Teacher Experiences: 38,735
Public Investment: $4,165,340
Private Match: $4,375,375
**URGENCY**

- Utah needs more employees for STEM jobs
- iSEE has a proven track record of inspiring and engaging teachers and students across the state.
- iSEE programs offer vital and authentic experiences in science and STEM.
- Research supports the importance of informal science in STEM education.
  
  NRC, 2009† & Tang, Pan, & Newmeyer, 2008*
  
- With new emphasis on STEM and school accountability, iSEE organizations have seen a surge in demand for services but are not currently resourced to provide the necessary level of assistance.

**STRATEGIC PARTNERSHIP**

- By leveraging public dollars with at least a 1:1.1 match of private dollars, iSEE will turn $4,165,000 into over $8,500,000 to support Utah students and teachers (K-12) in all 41 districts across the state.
- With changing state science standards and a proven track record of delivery, iSEE organizations will be counted on to help prepare teachers and students for the transition.
