Teacher Input: 250 Respondents
October 2018
Frequency of teaching science

- 4-5 times a week or not at all, alternating units with social studies: 143
- 2-3 times a week all year long, alternating days with social studies: 51
- Once a week all year long: 17
- Rarely or never: 7
- Other: 32
Science Challenges

**Least Challenging:**
- Engaging students
- Teacher lack of confidence

**Most Challenging:**
- Managing supplies & equipment
- Finding time for science planning
- Differentiating instruction
- Finding time for science instruction
I regularly integrate unplugged and plugged lessons in content instruction
I have integrated a few unplugged lessons into content instruction
I have integrated a few plugged lessons into content instruction
I have taught stand-alone computer science lessons, such as Hour of Code
I haven't taught any computer science yet
Features of Science Program to **Change**

- More inquiry / hands-on activities: 56
- More teacher-friendly: 40
- Align with NGSS standards: 35
- Integrate STEM/engineering/comp sci: 30
- More engaging for students: 27
- Clearer structure / vertical alignment: 26
- Increase the rigor: 17
- Better / more / timely materials: 16
- More literacy support materials: 7
- Integrate with other subjects: 6

Open-ended question
Features of Science Program to **Retain**

- Inquiry / hands-on activities: 54
- GLAD strategies / materials: 19
- Science to Go: 19
- Materials provided / kits: 17
- Science literacy materials: 10
- Science journals: 6
Suggestions for STEM Adoption Committee

- Make it easy to prep and use: 56
- Provide training for teachers: 18
- Integrate STEM, tech, comp sci: 18
- Help us integrate with other content: 17
- More hands-on: 11
- Provide all necessary materials: 10
- Real world connections / relevance: 8
- More age-appropriate: 6
- More instructional supports: 6
- Offer more tech access: 5

Open-ended question
Community Input: 391 Respondents
October 2018
Child's Interest / Enthusiasm in Science

How would you describe your child's interest and enthusiasm in science?

- Keenly interested and enthusiastic: 280
- Moderately interested and enthusiastic: 94
- Mildly interested: 16
- Does not care for science: 1
Child's Skills / Understanding in Science

How would you describe your child's skills and conceptual understanding in science?

- Exceptional grasp: 105
- Adequate grasp: 272
- Struggles: 14
Satisfaction with ISD Science Instruction

- Very satisfied: 20
- Satisfied: 239
- Dissatisfied: 116
- Very dissatisfied: 16
Child's Interest/Enthusiasm in Computer Science

How would you describe your child's interest and enthusiasm in computer science?

- Keenly interested and enthusiastic: 200
- Moderately interested and enthusiastic: 125
- Mildly interested: 56
- Does not care for computer science: 10

Total responses: 401
Priorities

What's most important in your child's elementary science and technology education?

- Hands-on experimentation: 57%
- Build engagement, curiosity, enthusiasm: 44%
- More time / focus on STEM: 33%
- More comp sci / coding / robotics: 29%
- Real world application / relevant: 26%
- Build solid foundation: 26%
- Logical thinking / reasoning: 20%
- Broad exposure / connections: 19%
- Prepare for a tech-driven future: 11%
- Build conceptual understanding: 9%
- Diversity / gender gap: 8%
- Be more competitive w/ other schools: 7%
- Include art -- STEAM: 5%
Other input

<table>
<thead>
<tr>
<th>Suggestion</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>More comp sci / coding / robotics</td>
<td>16</td>
</tr>
<tr>
<td>More time / focus on STEM</td>
<td>14</td>
</tr>
<tr>
<td>Make it fun</td>
<td>10</td>
</tr>
<tr>
<td>Hands-on</td>
<td>10</td>
</tr>
<tr>
<td>Include art -- STEAM</td>
<td>9</td>
</tr>
<tr>
<td>Real world connections / relevant</td>
<td>7</td>
</tr>
<tr>
<td>Encourage girls / diverse role models</td>
<td>7</td>
</tr>
<tr>
<td>Involve community members</td>
<td>6</td>
</tr>
<tr>
<td>Integrate content areas</td>
<td>6</td>
</tr>
<tr>
<td>Differentiate / more challenge</td>
<td>5</td>
</tr>
<tr>
<td>As soon as possible</td>
<td>4</td>
</tr>
<tr>
<td>Train teachers</td>
<td>4</td>
</tr>
<tr>
<td>Guide learning at home</td>
<td>4</td>
</tr>
</tbody>
</table>