Implementation and key supports for and barriers to implementation: # 1339256
Research-informed resources and tools for education leaders: # 1433832
Broadening participation of students with learning disabilities in AP CSP: # 154296
“Learning Differences”: Students with learning disabilities and/or an Attention Deficit/Hyperactivity Disorder (ADHD)

Include in STEM+C broadening participation efforts:

✧ Equity
✧ Innovative contributions to STEM+C

<table>
<thead>
<tr>
<th>Common Learning Disabilities</th>
<th>Associated Deficits &amp; Disorders</th>
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<tbody>
<tr>
<td>(The State of Learning Disabilities, 2014)</td>
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<tr>
<td>• Dyslexia (specific to reading)</td>
<td>• Auditory Processing Deficit</td>
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<td>• Dyscalculia (specific to math)</td>
<td>• Visual Processing Deficit</td>
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<tr>
<td>• Dysgraphia (specific to writing)</td>
<td>• Executive Functioning Deficits</td>
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<td>• Attention Deficit/Hyperactivity Disorder (ADHD)</td>
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</table>
According to Sheldon Horowitz, Director of LD Resources at the National Center for Learning Disabilities,

"Learning disabilities are not a prescription for failure. With the right kinds of instruction, guidance and support, there are no limits to what individuals with LD can achieve."

Work in collaboration with Wolcott learning specialists, teachers, & students to:

- Identify challenges students with learning differences engaging in CS
- Identify possible solutions
- Test specific adaptation and accommodations in lessons from 2 AP CSP curricula – Beauty and Joy of Computing for NYC (BJC4NYC) and Code.org’s CSP

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Take Action:

Talk about **students with learning differences** (learning disabilities and/or ADHD) as an important dimension of STEM+C broadening participation.

Recap:

- 5 – 20% of students in the U.S. have a learning difference.
- They are as intelligent as you.
- Their unique contributions to our nation’s STEM+C efforts are critical.