STEM ECO-systems developed and is testing tools within the Oregon Career Information System (CIS) designed to increase awareness of and engagement in STEM career pathways for high school students with disabilities. Project type: Develop, Test, & Integrate (DTI). Project start/end date: 2017 - 2022.

Insights & Achievements:
- Increased school-wide investment in CTE programs and pathways to hidden STEM careers for students with disabilities.
- Interest in science, engineering/technology, and 21st Learning increased significantly from pre-test to post-test.
- Increased use of CIS tools and ease of use from pre-test to post-test.

Reconsiderando:
- What have you needed to reconsider?
  How to develop and support local strategies for engaging students remotely in STEM-ECO activities.
- What have you been able to creatively overcome and how?
  Increased technical assistance and resource sharing opportunities to local STEM Teams.
- What are you still grappling with?
  Strategies to engage students in both virtual and in-person learning utilizing different platforms.

Strategies:
- Training in STEM focused CIS tools and support for effective use of the CIS tools to individual sites.
- Developing and implementing local STEM Action Plans utilizing new STEM tools developed for CIS.
- Providing professional development to sites regarding CIS and supports for students with disabilities.
### CIS Tool designed for STEM-ECO

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<tr>
<td><strong>STEM taxonomy integrated within career information</strong></td>
<td><strong>Profiles of people with disabilities working in STEM fields</strong></td>
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<tr>
<td><strong>STEM Career Assessment Report</strong></td>
<td><strong>STEM Career Plans (designed by schools)</strong></td>
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<tr>
<td><strong>Visual map of student’s postsecondary transition plans, including certificate and other degree program data</strong></td>
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**BROOKINGS**

- **Student Goal**
  By May 2019, 20 students will have created an interactive presentation which includes evidence of exploration and identification of at least two STEM career pathways and supporting activities in school and their community that will support progression into preferred STEM career pathways.

- **School Goal**
  By May 2019 Brooking-Harbor High School will see an increase from zero to two STEM teachers who will integrate STEM Career Pathways into each unit over the course of the year.

- **Community Goal**
  By May 2019 Brooking-Harbor Local STEM ECO will increase our STEM community partnerships from 1 to at least 5.

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**CORBETT**

- **Student Goal**
  The Sophomore class plus 25-30 students will sign-up for CIS, do one self-assessment, create their portfolio, and complete their resume.

- **School Goal**
  Increase awareness of how to embed STEM career pathways into the A.P. curriculum at Corbett HS using the Robotics class/club as the school model.

- **Community Goal**
  Identify the team and work to design a functional pathway needed to create STEM curriculum and support for Robotics class/club.

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**WEST LINN**

- **Student Goal**
  By June 2019, 20-30 students will have identified a STEM career pathway and associated skills in CIS and in the Present Levels of Academic Achievement and Functional Performance section of their IEP.

- **School Goal**
  By June 2019, staff will help facilitate the participation of 20 students in a PBL (problem-based learning) or club activity to identify areas of strengths within their interests and connect to a career pathway.

- **Community Goal**
  By June 2019, STEM businesses within the community will either host students or present information about STEM in careers related to their business.