


# Oregon Opportunity: Increase Pre-college Exposure to Engineering

		Teachers	9-12	4-8
In Class Programs	<b>Strategy</b> <ul style="list-style-type: none"> <li>Build on proven successes</li> <li>Address critical pre-college gaps</li> <li>System-wide expansion of opportunities</li> </ul>			
	 Extend national exemplar pre-engineering program to high schools and middle schools statewide (OIT is current OUS host university )	X	X	X
	CSTA/TechStart <b>SuperQuest</b>	Expand access to computer science by building on collaboration created by Oregon Computer Science Teachers Assoc. and the Software Association of Oregon		
		X	X	X
Out of School Time Programs	Expand proven programs addressing minority/under-represented through collaborative team projects: ORTOP, SMILE (OSU), MESA (PSU), 4-H Tech Wizards, and similar high potential new programs	X	X	X
	Seed engineering challenge programs which create exciting opportunities for advanced projects, mentoring, and scholarships	X	X	
	Create summer internships for teachers and high potential students in industry and universities	X	X	
Marketing	Focus state-wide communications/marketing to students, parents, teachers and counselors on STEM education and career paths	X	X	X