

# Two-year Plan – Technology and Industry - 2012

(Carl Fender, John Low and Maggie Thorleifson, Scott Schafer)

Goal area	Instructional Practices: What are we going to do?	People Involved	Schedule of Activities	Resources Needed	Evidence of Implementation. What are teachers doing?	Evidence of Impact: What are students' doing?
<b>CURRICULUM DEVELOPMENT (Assessment)</b>	<p>Programming and Web Design across the district—focus on developing and submitting a common outline, common assessments for each.</p> <p>Robotics Curriculum- explore curriculum materials and prepare course to be taught for 2013-2014 school year. Develop a course website linking curriculum, visit schools that teach robotics, decide about teaming science and cte staff.</p> <p>Work on developing the Senior Seminar Coursework to reflect the district changes to be implemented next year.</p>	<p>John Low, Scott Schafer, Maggie Thorleifson, Carl Fender</p> <p>Rose Smith, Judi Montgomery, JoAnn Buiteweg</p>	<p>Develop a calendar for August to look at programming outline, programming assessments(final), curriculum materials-</p> <p>Attend Carnegie Mellon University Robotics Academy July 9-13 2012</p> <p>Work with Carl to determine what schools we should visit, determine the instructional team that will visit and develop the curriculum</p> <p>The district has said that the curriculum changes will be ready in August so we should schedule time at the end of August to work.</p>	Time, standards, curriculum	Curriculum enriched as a result of collaboration and teamwork, Consistent practices in instruction and grading. Common outlines and syllabus on line for students. Common assessments which will help with future revisions of the curriculum.	Higher Achievement Increased enrollment in Computer Programming Courses
<b>PROGRAM MARKETING</b>	<p>Update course websites for your curriculum at each school. Attend High School and Beyond nights, Attend Freshman orientation, Attend all curriculum nights, meet with counselors in fall-breakfast, Support competitive events in all areas.</p> <p>Continue - Write articles for the PTSA news letters.</p> <p>Continue -Update CTE Website building – District</p> <p>Send out postcard to families with a link to further information website link.</p>	John Low, Scott Schafer, Maggie Thorleifson, Carl Fender	Coordinate Counselor Calendar, School Calendars and our CTE program event areas in June and Sept. Come up with excellent – blow your socks off promos!	Network connections, Teacher stations, CMS, Graphics Time to meet and work	Increased enrollment	Increased access to CTE courses
<b>CAREER</b>		John Low, Scott Schafer,	Scheduled in course	Curriculum activity	Students continue on in	Increased understanding of

<b>COMPONENT (Bridges, WOIS)</b>	<p>Continue – Students, experience the process of creating a website for a business Continue career research projects and presentations</p> <p><b>Find a contact for this- get set up for next year—Students guest speakers, site visit to UW programming</b></p> <p>Add visits by UW staff Add creation of database of speakers who are in jobs in Web, Video Game, Computer Programming</p> <p>Working on getting contacts for this to happen - Add a High School And Beyond night focus on Technology Courses inviting UW Information School, Edmonds Community College to talk about IT careers, Try to get some former students to present(still working on this).</p>	Maggie Thorleifson	<p>outlines</p> <p>High School and Beyond Night happens in October</p>	<p>rubrics and assignment descriptions</p> <p>Time to meet and work</p>	<p>other areas as a result of interest</p>	<p>impact of CTE courses on their future careers.</p> <p>Students will have a more real post high school plan</p> <p>More students doing CTE CE presentations</p>
<b>LEADERSHIP</b>	<p>Develop integration of 21<sup>st</sup> Century formative and summative task components in each area.</p> <p>Possibly plan a day when programming students can teach a brief lesson or web students can help Middle School students create a website.</p> <p>Explore opportunities with local non profits for project opportunities</p> <p>Work on developing Web team based project ideas (management phases) that explore and rotate through the different roles.</p>	John Low, Scott Schafer, Maggie Thorleifson, Carl Fender		Time to meet and work	Increased activity in CTSO	Increased student involvement in CTSOs
<b>ADVISORY COMMITTEE</b>	<p>Continue to Report to Advisory and work with them to review current practices</p> <p>Recruit new advisory members</p>	John Low, Scott Schafer, Maggie Thorleifson, Carl Fender	Fall 12 – Spring 13	Advisory meetings	Positive feedback from Advisory members	Students experience industry standard instruction
<b>OTHER (WASL alignment)</b>	<p>Review the HSPE alignment documents – Include and document Math Wasl in Programming, Web Design,</p>	John Low, Scott Schafer, Maggie Thorleifson, Carl Fender	Spring 13	Access to district HSPE experts	HSPE instruction improved.	Increased success on HSPE scores for students in CTE classes

	<div>Include and document Reading/Writing in Programming , Web Design, and Video Game Design</div> <div>Review STEM alignment in Programming</div>					
Grading Practices	<div>Agree on grading criteria — cut offs for letter grades, apply standards assessments to Programming, set up assignments list for each standard, agree on daily work values, project values, final values for programming</div>	John Low, Scott Schafer, Maggie Thorleifson, Carl Fender	Workshop this summer 2011	Find time to meet during summer break,	Collaborative development of criteria, bringing out the best in what we are doing and giving it a stronger focus.	Increased success of students, in programming more students continuing on.

Program Advisory Chair

Career/Technical Director

Date

Date