

**Lakewood School District LASER Alliance Strategic Plan**

Objectives	Action	Person(s) Responsible	Timeline	Date Completed
<b>Instructional Materials</b>				
Curriculum Mapping 1.1 Create a month-by-month teaching map of science curriculum. Big Ideas alignment to standards assessments and skills taught K-12	Science committee along with science teachers district-wide complete electronic curriculum maps using district template K-12  Analyze Curriculum maps to: <ul style="list-style-type: none"> <li>• determine redundancies and gaps</li> <li>• Coordinate instruction</li> <li>• Align instruction to standards and assessments</li> </ul> District Science committee develops recommendation to address indentified gaps, redundancies and create action plan to present to curriculum Council  District Curriculum Department develops process and plan to inform building administrators of actions needed (e.g. Creating teaching to standards accountability)	Science teachers  PLCs/Science teachers and Science Committee  Science Committee  Curriculum Director	1/09  4/09  5/09  8/09	
1.2 All science teachers will use standards specific to their content area and grade in delivering science instruction	Development of K-12 curriculum map (see 1.1)  Use PLCs (see objective 2.3 ) to coordinate K-12 instruction  Coordinate with principals and district office to ensure aligned, standards-based instruction.	Science teachers  Principals and science teachers  Curriculum Director and Superintendent	Ongoing  Ongoing  Ongoing	
<b>Professional Development</b>				
2.1 Develop expertise in content and inquiry-based instruction for K-12 science teachers.	Provide on going and sustained PD opportunities for training in understanding, by Design for K-12 (Wiggins) <ul style="list-style-type: none"> <li>o Develop in-district capacity for training (district trainers)</li> </ul> Use district expertise and outside expertise when needed to provide content and inquiry based instruction including classroom/lab management strategies  Provide ongoing and sustained opportunities for training in assessments <ul style="list-style-type: none"> <li>o WASL like question development</li> <li>o Scenario-based questions</li> <li>o Extended response questions</li> <li>o Performance-based</li> <li>o Rubric development</li> <li>o Formative assessment</li> <li>o Utilizing assessment data to guide instruction</li> </ul>	Curriculum Director  Curriculum Director  Curriculum Director  Curriculum Director	2009-2012  2009-2012  2009-2012  2008-2012	

**Lakewood School District LASER Alliance Strategic Plan**

	<p>Provide adequate time to collaborate on and develop summative assessments (end of course; end of unit, end of semester)</p> <p>Provide training on integrating literacy with science</p> <ul style="list-style-type: none"> <li>o Notebook training</li> <li>o Reading for information</li> <li>o Writing/communicating conceptual understanding</li> </ul> <p>Explore implementation of peer coaching programs for teachers with debriefing using established protocols for discussion.</p> <p>Invite/encourage principals to attend all science PD</p>	<p>Curriculum Director</p> <p>Curriculum Director</p> <p>Curriculum Director</p>	<p>2009-2010</p> <p>Ongoing</p> <p>Ongoing</p>	
<p>2.2 Develop beginning user (*new teacher) support.</p> <p>*new teachers=brand new teachers and teachers new to content area/grade level/district</p>	<p>Identify science mentor in district to train new teachers on Foss/STC kits specific to grade level/content area (K-8)</p> <p>Provide lists of science training offered by ESDs and others within the state</p> <p>Invite new teachers to attend district science committee meetings</p> <p>Explore implementation of mentor program for science to provide support including release time for new teachers to observe classrooms</p>	<p>Science Committee</p> <p>Curriculum Director</p> <p>Curriculum Director</p> <p>Curriculum Director</p>	<p>2009-2010</p> <p>Ongoing</p> <p>Ongoing</p> <p>2009-2012</p>	
<p>2.3 Establish on-going communication among science teachers within the school and across all schools (grade levels and content areas) in the district</p>	<p>Encourage active participation in science summit</p> <p>Establish PLCs that examine student work and teaching practices</p> <ul style="list-style-type: none"> <li>o Within schools</li> <li>o Across grade levels</li> <li>o Across buildings <ul style="list-style-type: none"> <li>o Elementary</li> <li>o Middle school</li> <li>o High school</li> </ul> </li> <li>o Establish a process for K-12 science committee members to disseminate information at their building</li> </ul>	<p>Curriculum Director</p> <p>Building Principals Curriculum Director</p>	<p>2009</p> <p>2009-2012</p>	

