

\*Please recognize that effective professional development depends on the modification of PD activities to meet teachers’ needs as they arise. Therefore, it is expected that changes will need to be made to this plan as it is implemented over the course of the 2011-2012 school year.

<b>Action Item</b> <i>(Type of professional learning activity)</i>	<b>Proposed Date and Location(s)</b>	<b>Professional Development Experience</b> <i>What will participants do?</i>	<b>Anticipated Outcome</b> <i>Participants will know and be able to:</i>	<b>Evaluation of Professional Development</b> <i>How will the professional learning be assessed at the four levels of evaluation?</i>
<b>Grades 6 &amp; 7</b>				
Science Curriculum Review for Science Teachers New to Grade Level, District Wednesday, (second hour voluntary paid)	September 12, 2011 BOE, 5N	<ul style="list-style-type: none"> <li>Participants will have a detailed orientation on the supports they need to use with the middle school science program</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be more aware of and skillful in their use of middle school science program supports (pacing guides, assessments, teacher’s guides, materials, etc.)</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip  <u>Level 2:</u> Application of learning individually and in groups during the session  <u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>
Advanced Training in SPS Science Program, Full Day PD	November 8, 2011 WHS,  Grade 6: Room 600  Grades 7 & 8: Room 602	<ul style="list-style-type: none"> <li>Participants will develop further expertise in key components of the science program including science notebooks, vocabulary, lab reports, and retaining key science concepts</li> <li>Participants will bring evidence of applying program formative assessments (notebooks, analysis questions, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Participants will increase their expertise in the use of the teacher guide to support science vocabulary development</li> <li>Participants will become familiar with updated SPS curriculum support documents</li> <li>Participants will use program formative assessments (analysis questions, science notebooks, process skills)</li> <li>Participants will standardize their practice for evaluating program formative assessments</li> <li>Participants will bring evidence of notebook assessment and discuss standardizing practice</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip  <u>Level 2:</u> Application of learning individually and in groups during the session  <u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>

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<b>Grades 6 &amp; 7</b>				
Introduction to Science Laboratory Safety, Early Release Wednesday	April 11, 2012 Dolan, Room 216	<ul style="list-style-type: none"> <li>Participants will be informed about OSHA regulations for middle school science laboratory classrooms</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be aware of and follow OSHA regulations for middle school science laboratory classrooms.</li> </ul>	<u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip <u>Level 2:</u> Application of learning individually and in groups during the session <u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session
Math-Science Integration Showcase, District Wednesday, voluntary	May 9, 2012 Scofield Middle Magnet School	<ul style="list-style-type: none"> <li>Participants will learn about the math-science integration activities that are being piloted by middle school math and science teachers in the district</li> </ul>	<ul style="list-style-type: none"> <li>Participants will have a better understanding of how math and science can be integrated into the science program.</li> </ul>	<u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip <u>Level 2:</u> Application of learning individually and in groups during the session <u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session

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<b>Grade 8</b>				
Science Curriculum Review for Science Teachers New to Grade Level, District Wednesday, (second hour voluntary, paid)	September 12, 2011 BOE, 5 North	<ul style="list-style-type: none"> <li>Participants will review middle school science program supports (pacing guides, assessments, teacher's guides, materials, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Participants will become familiar with the supports they need to use with the middle school science program</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>
Force & Motion Module Training, Full Day PD	October 4, 2011 Senior Center Seminar Room	<ul style="list-style-type: none"> <li>Participants will experience the same activities they will be sharing with their 8<sup>th</sup> grade science students</li> </ul>	<ul style="list-style-type: none"> <li>Participants will deliver the same, high quality Force &amp; Motion module activities to their students.</li> </ul>	<p><u>Level 1:</u> Evaluation at Session</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> District Science Administrator to review course grades</p>
Advanced Training in SPS Science Program, Full Day PD	November 8, 2011 WHS, Rooms 600 and 602	<ul style="list-style-type: none"> <li>Participants will develop further expertise in key components of the science program including science notebooks, vocabulary, lab reports, and retaining key science concepts</li> <li>Participants will bring evidence of applying program formative assessments (notebooks, analysis questions, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Participants will increase their expertise in the use of the teacher guide to support science vocabulary development</li> <li>Participants will become familiar with updated SPS curriculum support documents</li> <li>Participants will use program formative assessments (analysis questions, science notebooks, process skills)</li> <li>Participants will standardize their practice for evaluating program formative assessments</li> <li>Participants will bring evidence of notebook assessment and discuss standardizing practice</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>

Stamford Public Schools Professional Learning Plan 2011-2012

Middle School Science

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<b>Grade 8</b>				
SoundWaters Watershed Meeting, District Wednesday	December 14, 2011 Turn of River School, Room 211	<ul style="list-style-type: none"> <li>Participants will learn what to expect and how to prepare for the classroom watershed activities in January</li> </ul>	<ul style="list-style-type: none"> <li>Participants will know how to prepare for the classroom watershed activities in January.</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>
SoundWaters Watershed Meeting, District Wednesday	February 8, 2012 Turn of River School, Room 211	<ul style="list-style-type: none"> <li>Participants will learn what to expect and how to prepare for the watershed field studies in March-June</li> </ul>	<ul style="list-style-type: none"> <li>Participants will know how to prepare for the watershed field studies in March-June.</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>
Science Laboratory Safety, Early Release	April 11, 2012 Dolan, Room 216	<ul style="list-style-type: none"> <li>Participants will be informed about OSHA regulations for middle school science laboratory classrooms</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be aware of and follow OSHA regulations for middle school science laboratory classrooms.</li> </ul>	<p><u>Level 1:</u> EZTraxx survey, Evaluation at Session, 3-2-1 Exit Slip</p> <p><u>Level 2:</u> Application of learning individually and in groups during the session</p> <p><u>Level 3:</u> Building Science Administrator to perform classroom visits to observe implementation of program based on exit slips from teachers at the end of the session</p>
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