

Stamford Public Schools Professional Learning Plan 2011-2012

Middle School Science

Please complete the below action planning template to delineate your department's/school's proposal for professional learning experiences during the 2011-12 school year (in the sequence in which the experiences will occur).

Action Item <i>(Type of professional learning activity)</i>	Proposed Date and Location(s)	Professional Development Experience <i>What will participants do?</i>	Anticipated Outcome <i>Participants will know and be able to:</i>	Evaluation of Professional Development <i>How will the professional learning be assessed at the four levels of evaluation?</i>
Grade 6				
Science Program Overview, Full Day PD	August 30, 2011	<ul style="list-style-type: none"> Participants will go over the key components of the science program 	<ul style="list-style-type: none"> Participants will use the teacher guide to support science vocabulary development Participants will use program assessments Participants will use science notebooks 	<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
Science Curriculum Review for Science Teachers New to Grade Level, District Wednesday, (second hour voluntary paid)	September 14, 2011	<ul style="list-style-type: none"> Participants will be informed of the middle school science program supports (pacing guides, assessments, teacher's guides, materials, etc.) 	<ul style="list-style-type: none"> Participants will become familiar with the supports they need to use with the middle school science program 	
Vertical Science Teams, District Wednesday, (second hour voluntary, paid)	October 12, 2011	<ul style="list-style-type: none"> Participants will meet to uncover how science is aligned from grade to grade in middle school 	<ul style="list-style-type: none"> Participants will have a better understanding of how each grade level prepares the next grade level for science 	
Science Assessment and Science Notebooks, Full Day PD	November 8, 2011	<ul style="list-style-type: none"> Participants will spend one half of the day being trained on improving their use of program assessments Participants will spend the other half of the day learning how to implement interactive science notebooks with their students 	<ul style="list-style-type: none"> Participants will create anchor sets for open-ended items for midterms and finals Participants will differentiate formative assessments for 2012-2013. Participants will have a standard way of implementing science notebooks with their students. 	<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

Action Item <i>(Type of professional learning activity)</i>	Proposed Date and Location(s)	Professional Development Experience <i>What will participants do?</i>	Anticipated Outcome <i>Participants will know and be able to:</i>	Evaluation of Professional Development <i>How will the professional learning be assessed at the four levels of evaluation?</i>
Grade 6				
				exit slips from teachers at the end of the session
Science Laboratory Safety, Early Release	April 11, 2012	<ul style="list-style-type: none"> Participants will be informed about OSHA regulations for middle school science laboratory classrooms 	<ul style="list-style-type: none"> Participants will be aware of and follow OSHA regulations for middle school science laboratory classrooms. 	<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

Action Item <i>(Type of professional learning activity)</i>	Proposed Date and Location(s)	Professional Development Experience <i>What will participants do?</i>	Anticipated Outcome <i>Participants will know and be able to:</i>	Evaluation of Professional Development <i>How will the professional learning be assessed at the four levels of evaluation?</i>
Grade 7				
Science Program Overview, Full Day PD	August 30, 2011	<ul style="list-style-type: none"> Participants will go over the key components of the science program 	<ul style="list-style-type: none"> Participants will use the teacher guide to support science vocabulary development Participants will use program assessments Participants will use science notebooks 	<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
Science Curriculum Review for Science Teachers New to Grade Level, District Wednesday, (second hour voluntary paid)	September 14, 2011	<ul style="list-style-type: none"> Participants will review middle school science program supports (pacing guides, assessments, teacher's guides, materials, etc.) 	<ul style="list-style-type: none"> Participants will become familiar with the supports they need to use with the middle school science program 	
Vertical Science Teams, District Wednesday, (second hour voluntary, paid)	October 12, 2011	<ul style="list-style-type: none"> Participants will meet to uncover how science is aligned from grade to grade in middle school 	<ul style="list-style-type: none"> Participants will have a better understanding of how each grade level prepares the next grade level for science 	
Science Assessment and Science Notebooks, Full Day PD	November 8, 2011	<ul style="list-style-type: none"> Participants will spend one half of the day being trained on improving their use of program assessments Participants will spend the other half of the day learning how to implement interactive science notebooks with their students 	<ul style="list-style-type: none"> Participants will create anchor sets for open-ended items for midterms and finals Participants will differentiate formative assessments for 2012-2013. Participants will have a standard way of implementing science notebooks with their students. 	<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
Science Laboratory Safety, Early Release	April 11, 2012	<ul style="list-style-type: none"> Participants will be informed about OSHA regulations for middle school science laboratory classrooms 	<ul style="list-style-type: none"> Participants will be aware of and follow OSHA regulations for middle school science laboratory classrooms. 	
Action Item	Proposed	Professional Development	Anticipated Outcome	Evaluation of Professional Development

<i>(Type of professional learning activity)</i>	Date and Location(s)	Experience <i>What will participants do?</i>	<i>Participants will know and be able to:</i>	<i>How will the professional learning be assessed at the four levels of evaluation?</i>
Grade 8				
Energy Module Training, Full Day PD	August 30, 2011	<ul style="list-style-type: none"> Participants will experience the same activities they will be sharing with their 8th grade science students 	<ul style="list-style-type: none"> Participants will deliver the same, high quality Energy module activities to their students. 	<u>Level 1:</u> Evaluation at Session <u>Level 2:</u> Application of learning individually and in groups during the session <u>Level 3:</u> District Science Administrator to review course grades
Science Curriculum Review for Science Teachers New to Grade Level, District Wednesday, (second hour voluntary, paid)	September 14, 2011	<ul style="list-style-type: none"> Participants will review middle school science program supports (pacing guides, assessments, teacher's guides, materials, etc.) 	<ul style="list-style-type: none"> Participants will become familiar with the supports they need to use with the middle school science program 	
Vertical Science Teams, District Wednesday, (second hour voluntary, paid)	October 12, 2011	<ul style="list-style-type: none"> Participants will meet to uncover how science is aligned from grade to grade in middle school 	<ul style="list-style-type: none"> Participants will have a better understanding of how each grade level prepares the next grade level for science 	
Force & Motion Module Training, Full Day PD	November 8, 2011	<ul style="list-style-type: none"> Participants will experience the same activities they will be sharing with their 8th grade science students 	<ul style="list-style-type: none"> Participants will deliver the same, high quality Force & Motion module activities to their students. 	<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
Science Laboratory Safety, Early Release	April 11, 2012	<ul style="list-style-type: none"> Participants will be informed about OSHA regulations for middle school science laboratory classrooms 	<ul style="list-style-type: none"> Participants will be aware of and follow OSHA regulations for middle school science laboratory classrooms. 	<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