

## NGSS/Big Pivot Science Professional Development Timeline

<b>TIME PERIOD</b>	<b>PD ACTIVITY</b>	<b>PERSON(S)/GROUP(S) RESPONSIBLE</b>
<b>Spring 2014 (April-May-June)</b>	<p>Phase One:</p> <p>Week One (April 16, 2014) Setting the stage: Introduction to the Next Generation Science Standards and the Big-Pivot Initiative</p> <p>Weeks Two through Six (April 23-May 21) Incorporating the 5E's: The 5E Instructional Model with a focus on 1E per week</p> <p>Weeks Seven through Nine (May 28-June 11) Collaborative Lesson Planning: Planning engaging lessons &amp; sharing best practices</p> <p>Week Ten (June 18) Next steps: Consultant Evaluation and Teacher Reflection</p>	<p>Science department chair</p> <p>Science faculty</p> <p>Consultant: Susan Yoon</p> <p>API's</p>
<b>Summer 2014 (July-August)</b>	<p>Bridge:</p> <p>Summer Professional Development Opportunities – Individual teacher PD projects, 2-day teacher PD in August (formation of collaborative teacher teams, teacher summer PD presentations)</p>	<p>Science department chair</p> <p>Science faculty</p> <p>API's</p>

<p><b>Fall 2014 (September- October- November)</b></p>	<p>Phase Two:</p> <p>Qualitative data collection – feedback from teachers &amp; current/former students</p> <p>Quantitative data collection – Quarterly benchmark exams (with 1 approximately nine weeks in)</p> <p>Monthly PD sessions – Ongoing teacher support (collaborative team meetings, teacher PD presentations, teacher roundtable series for sharing best practices), data analysis (preparation for examining the data, how to compile a data binder, what the data shows), Q &amp; A</p>	<p>Science department chair</p> <p>Science faculty</p>
<p><b>Winter 2014/2015 (December- January- February)</b></p>	<p>Phase Two (cont'd)</p> <p>Qualitative data collection – feedback from teachers and current/former Mastery students</p> <p>Quantitative data collection – Quarterly benchmark exams (2)</p> <p>Analysis of data – Quarterly benchmark exams &amp; Qualitative data</p> <p>Monthly PD sessions – Ongoing teacher support (collaborative team meetings, teacher PD presentations, teacher roundtable series for sharing best practices), Continuing to look at the data (compare/contrast data sets 1 &amp; 2), Data binders, Adjusting instruction as needed, Q &amp; A</p>	<p>Science department chair</p> <p>Science faculty</p>

<p><b>Spring 2015 (March-April-May)</b></p>	<p>Phase Two (cont'd)</p> <p>Qualitative data collection – feedback from teachers &amp; current/former Mastery students</p> <p>Quantitative data collection – Quarterly benchmark exams (3</p> <p>Analysis of data – Quarterly benchmark exams &amp; Qualitative data</p> <p>Monthly PD sessions - Ongoing teacher support (collaborative team meetings, teacher PD presentations, teacher roundtable series for sharing best practices), Continuing to look at the data (compare/contrast data sets 1, 2 &amp; 3), Data binders, Preparing to look at PSSA data, Q &amp; A</p>	<p>Science department Chair</p> <p>Science faculty</p>
<p><b>Summer 2015 (June-July-August)</b></p>	<p>Summer Professional Development Opportunities – Individual teacher PD projects, 2-day teacher PD in August (Collaborative teacher teams, teacher summer PD presentations, what the PSSA data shows, complete year one data binders)</p> <p>Qualitative data collection – feedback from teachers and former/current Mastery students</p>	<p>Science department Chair</p> <p>Science faculty</p> <p>API's</p>
<p><b>Academic year 2015-2016</b></p>	<p>Modify 2014-2015 to include first set of data from Mastery grads/1</p>	<p>Same as above</p>

## NGSS/Big Pivot Science Professional Development Budget (April to June 2014)

<b>Function Codes</b>	<b>Object Codes</b>	<b>Budget Item</b>	<b>Cost</b>	
<b>1000 (Instruction)</b>	1500 (Other Programs)	500	Consultant (retainer fee)	\$750
		600	Experiment Supplies	\$500
		700	Refreshments for Teachers (10 PD sessions)	\$250
		400	Summer Professional Development Stipends (2)	\$2000
<b>2000 (Support Services)</b>	2300 (Instructional Staff Services)	300	Substitutes (5) for Science Department Observation Day	\$1000
			<b>Total</b>	<b>\$4500</b>