

# A YEAR IN REVIEW

2016 – 2017

Meredith Adams Supervisor of Instruction

Angie Rosen Director of Curriculum and Instruction

- Since Aug. 2010

no.203.078

## LS Professional Development

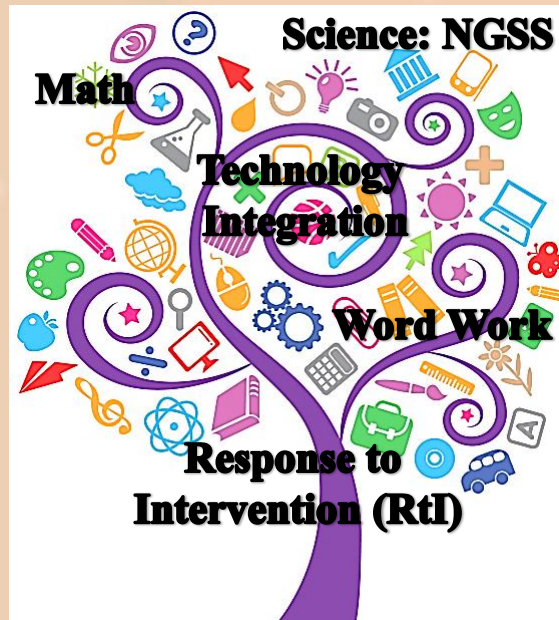
Professional Growth

Formerly MLP PDMS and MLP OASYS

My Learning Plan is  
Established!

Submitted by	Activity Title	Date	Form	Sub	Reg Fee	All Expense
-- No Records --						
Forms Pending Prior Approval by Angie Rosen						
Forms Pending Prior Approval						
-- No Records --						
Forms Pending Final Approval by Angie Rosen						
Forms Pending Final Approval						
Baron, Carissa	Teaching Activities of Daily Living to Individuals with Autism	05/23/2017	Professional Day	No	\$0.00	\$0.00
Albert Devine, ...	NLP/SA Fall Conference	10/19/2017	Professional Day	No	\$205.00	\$205.00
		10/20/2017	Rec			

This school year the learning focus turned to:



District PD Initiatives were based on teacher surveys, teacher evaluation data, assessment data and research based, current instructional practices



Goes 1st-8th!

Data informs instruction and is analyzed by District Data Team for instructional practices and curricular revisions

### 1. Choose a Report [Help Me Choose](#)

#### Diagnostic

- Student Growth by Grade and Class
- Performance by Grade and Class
- Predicted Proficiency
- Needs Analysis by Grade

#### Intervention Screener

- Instructional Grouping Profile
- Export - Diagnostic Completion

#### Standards Mastery

- Standards Mastery Results by Test
- Standards Performance Year-to-Date
- Export - Standards Performance YTD
- Export - Standards Results by Test

#### Instruction

- Instructional Usage
- Export - Instructional Usage

#### Diagnostic & Instruction

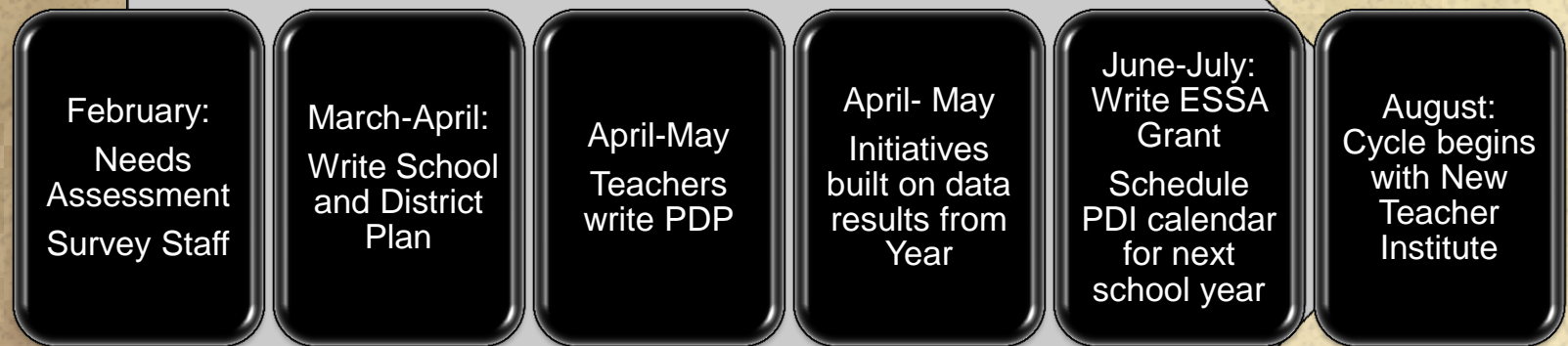
- Export - Diagnostic & Instruction

#### Administration

- Student Credentials

# Establish a Timeline

The Professional Development Design Continues with ScIP Teams throughout the year!



*...ensure management of the organization and resources that would effectively impact the learning environment.*

# 2016-2017 Timeline

September:

3 Opening Days PD  
Welcome  
Crisis Training  
Superintendents Meeting  
Principal Meetings  
i-Ready training  
My Learning Plan training

October:

2 days PD  
Compliance trainings  
SGO based on data collection  
Response to Intervention RTI  
Ed Camp

November-December

Embedded PD for Science and Math  
Coaching visits and Grade Level Meetings

January:

½ Day PD  
Data documentation review and analysis

February:

SGO mid year review  
DDT follow up  
NGSS Review  
Curriculum pacing review  
Dyslexia

April-May:

Embedded PD  
Science and Math  
Reflecting and Evaluating  
Plan for following year

**Out of District PD\*Superintendents Meetings\*Principal Meetings\*CPT Meetings\*DDT Meetings**

# TEACHER CHOOSE THEIR LEARNING

In-Service Day: October 2016

no.203.078 Teachers choose their learning path with LS Ed Camp!

<u>Day 1 - Session 1 - ED Camp 1:00 - 2:00 pm</u>		
New Google Classroom with Wendy Whittle @Point Road STEM Room 107	Spelling City Webinar Advanced @Point Road Room 109	*Subscription Playground @Point Road Media Center Room 201
ELA Intervention Training Grades 5-8 with Kathleen Mulcahy Markham Room 8	*Kindergarten Foundations Review @Point Road Room 125	Math Workshop Grades K-5 @Point Road Room 105
Revisiting Action and Guided Reading @Point Road Room 213	*Words Their Way Review @Point Road Room 106	NGSS Grades 3-5 Curriculum Writing @Point Road Room 111
Surface Pro Training @Markham Place STEM Room 2	*NewsELA @Markham Place Room 2	*Cross curricular standard review 5-8 @Markham Place Room 8
<u>Day 1 - Session 2 - ED Camp 2:00 - 3:00 pm</u>		
New Google Classroom with Jill Lynch @Markham Computer Lab 201	Brain Pop with Mandy Orrick @Point Road Media Center Room 201	*ATLAS Curriculum Review and Update
ELA Intervention Training Grades 5-8 with Kathleen Mulcahy Markham Room 8	*Kindergarten Foundations Review @Point Room 125	Math Workshop Grades K-5 @Point Road Room 105
Revisiting Action and Guiding Reading @Point Road Room 213	Learning AZ Webinar @Point Road Room 106	NGSS Grades 3-5 Curriculum Writing @Point Road 111
Surface Pro Training @Point Road Room 113	*NewsELA @Markham Place Room 2	*Cross curricular standard review 5-8 @Markham Place Room 8
* Denotes a self guided articulation, guiding questions will be provided.		

# TEACHER CHOOSE THEIR LEARNING

In-Service Day February 2017

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Ed Camp offers Differentiated Learning for Little Silver Teachers !

Choice creates motivation and desire to learn

Afternoon Ed CAmP Sessions Markham Place  
 Teachers sign up for choice sessions via My Learning Plan  
 2:00 p.m. to 3:00 p.m.  
 Teachers be sure to bring your Laptop

**2:00 to 3:00 Choice Session- Sign up in my Learning Plan Guiding Questions are linked to the session**

<p>Tweet All About it! facilitated by Eric Platt and Pam Albert room 109 (Pina's room)</p>	<p>Technology SLAM; Facilitated by Barb, Wendy and Jill room 324 (Wittenberg's room)</p>	<p><a href="#">*PARCC preparation and planning room 18 (Maynes's room)</a></p>	<p>Writing Workshop: Conferring facilitated by Sami Strauss room 8 (Hermesen's room)</p>
<p><a href="#">Engage students with III Act Math Lessons</a> facilitated by Melissa Little 7 room <a href="#">(Daniels's/Files's room)</a></p>	<p><a href="#">*Subscription Exploration Playground room 15 (Griffiths's room)</a></p>	<p>i-Ready Report Analysis and Creating Assignments w/ Anna Files room 5 (Nortz/Truax's room)</p>	<p>Progress Monitoring: How do I create goals and monitor student progress? facilitated by Michelle Mullan room 14 (Hance's room)</p>
<p>Reading Strategies Book by Jennifer Serravallo: Intervention Strategies for primary readers K-4 facilitated by Jane Marie Nowell and Laura DiPietro room 6 (C. Anderson Room)</p>	<p>Reading Strategies Book by Jennifer Serravallo: Intervention Strategies for readers 5-8 facilitated by Kim Christman and Liz Snevily room 19 (Snevily's room)</p>	<p>Responsive Classroom facilitated by Lauren Rose and Tara Dunne room 3 (Kiely's/Carpenter's room)</p>	<p><a href="#">*Rubicon Atlas update: Add links and update resources in the curriculum that you are assigned to write.</a> <a href="#">room 17 (Taylor's room)</a></p>

**Extra, extra, read all about it...**

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*Meredith Adams - Supervisor of Instruction*

*- Since January 2016*

## **The Next Generation Science Standards arrive at the Little Silver School District!**



# Timeline for NGSS implementation

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*Steps taken in the implementation process*

June - August 2016	September - October 2016	November - December 2016	January - February 2017	March 2017	April 2017	May 2017	June 2017
<ul style="list-style-type: none"> <li>➤ Grades 3 - 5 begin writing curriculum in ATLAS</li> <li>➤ Grades 6 - 8 Science Fusion Resources implemented</li> </ul> <p><b>Pilot Resources K-2</b> STEMscopes Mystery Science Science4us ScienceA-Z</p>	<ul style="list-style-type: none"> <li>➤ Grades 6 - 8 Science Fusion Training and Webinar</li> <li>➤ Grades 3 - 5 science curriculum ED Camp.</li> <li>➤ Curriculum teams continue work independently</li> </ul>	<ul style="list-style-type: none"> <li>➤ Grades K - 2 NGSS curriculum Meeting</li> <li>➤ All grades continue writing work independently</li> <li>➤ All grades review resources, subscription to websites, and free trials</li> </ul>	<ul style="list-style-type: none"> <li>➤ Teachers in Grades K - 5 receive full NGSS training at In-Service Day.</li> <li>➤ All curriculum teams work on Science Curriculum in ATLAS at ED Camp.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Grades K - 2 receive additional training to write the curriculum in ATLAS</li> <li>➤ Curriculum teams continue work in ATLAS independently</li> </ul>	<ul style="list-style-type: none"> <li>➤ Grade level reps work on Curriculum in ATLAS at monthly meeting</li> </ul>	<ul style="list-style-type: none"> <li>➤ Science Materials Inventory and supply lists created for the upcoming school year.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Grades K -2 full day curriculum writing</li> <li>➤ 3 - 5 grade teams release time as needed</li> <li>➤ Resources selection and webinar</li> </ul>

# Understanding NGSS

## Three-Dimensional Learning

Practices      Crosscutting  
                    Concepts      Core  
  Ideas



### Blending of Three Dimensions

- Science and engineering practices
- Crosscutting concepts
- Disciplinary core ideas



# How the NGSS will change instruction

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## *Summary of shifts in teacher knowledge and practice* *3 dimensional learning!*

- **Lessons driven by questions arising from phenomena!**
- **The goal of investigations is to guide construction of explanatory models.**
- **Answers to science investigations are more than whether and how two variables are related, students construct deeper meaning**
- **Students should see what they are working on as answering explanatory questions rather than learning the next assigned topic.**
- **A large part of the teacher's role is to support and guide inquiry.**
- **Class focus needs to be devoted to argumentation and reaching consensus about ideas, rather than the idea from the text.**
- **Teachers need to build a classroom culture that is student centered, the students become motivated to figure out the answers to the questions they came up with.**



Students in 3T discovering which pumpkin has the most seeds!

The Next Generation Science Standards arrive at the  
Little Silver School District!

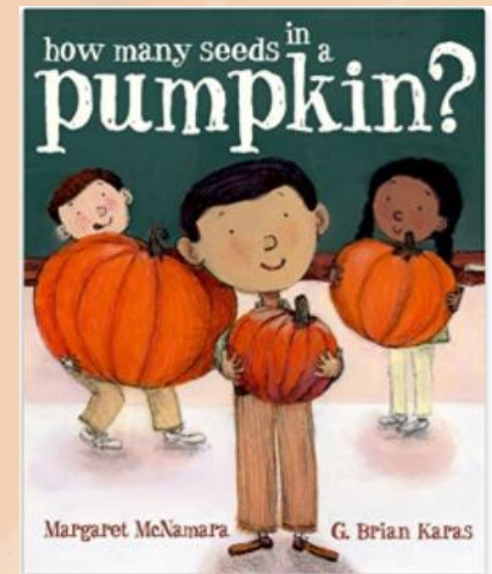
no.203.078 *Point Road Teachers have fun piloting new resources and materials in ATLAS*



Why would it be better  
to have a pumpkin with  
more seeds?



How do the parts of a seed become a  
plant?

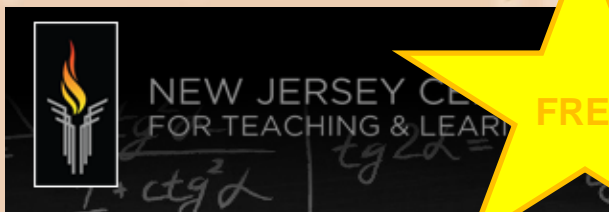


Integrated shared reading  
books for science  
during ELA  
instructional time

Free, on-line, vetted NGSS Resources

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Building an on-line curriculum in lieu of a print book



FREE



Site License  
\$2,500  
K - 2



Site License  
\$499  
3 - 5



FREE



FREE



FREE

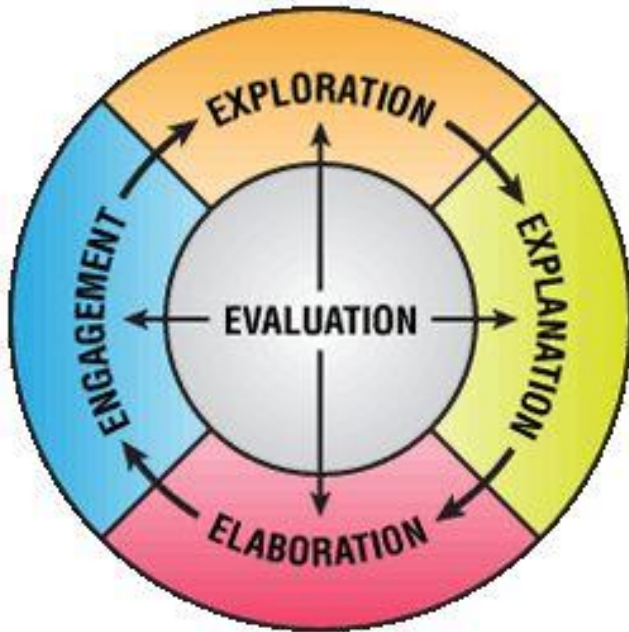


Site License



# NGSS and the 5E Model

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<b>Engage</b>	These activities mentally engage the students with an event or question. Engagement activities help students make connections with what they know and can do.
<b>Explore</b>	Students work with one another to explore ideas through hands-on activities. This exploration provides a set of common experiences for all learners. Under the guidance of the teacher, students begin to clarify their understanding of major concepts and skills.
<b>Explain</b>	Students construct explanations of the concepts and processes about which they are exploring and learning. Teachers clarify students' understanding of concepts and help them develop skills.
<b>Elaborate</b>	These lessons challenge students to apply what they have learned to a new situation and to build on the students' understanding of concepts in ways that extend their knowledge and skills.
<b>Evaluate</b>	Students assess their own knowledge, skills, and abilities. These lessons also allow teachers to evaluate students' progress and inform instruction.

*The Little Silver School District curriculum integrates different frameworks into instruction.*

# NGSS and the 5E Model

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How does the 5E model translate into lesson planning and instructional practice

5E Model		
Inquiry	Knowledge of Nature (content)	Science & engineering Practice of NGSS
Observations, testing observable questions (Hypothesis)	Engage ( <a href="#">phenomena</a> )	Asking questions & define problems
Testing Hypothesis Collecting Data & analysis Conclusion	Explore	Developing models Planning & carrying out investigations Analyzing data
Defend with evidence Communicate through journals or conferences	Explain	Using mathematical thinking Constructing explanations Designing solutions
Develop new ideas, find solutions for problems	Extend	Construction explanations & designing solutions
Communicate through journals or conferences	Evaluate	Engage in argument Obtain, evaluate, communicating information

# PARCC data reveals Math Growth Area Grades 3- 5

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*Important revisions to math curriculum were made in grades 3 – 5 after  
analyzing data to create a better alignment to NJ-SLS*

inside + × = ÷  
mathematics

*Task support problem solving  
and reasoning*

**iM** Illustrative  
Mathematics

*Tasks support PARCC  
Preparation*

**NCTM** | ILLUMINATIONS

*Virtual manipulatives  
hands on activities*

**G** Fletchy

*3 – Act Lessons*

2017 – 2018

# Professional Development Preview

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*What's new and exciting!*



Continue to implement the latest advances in education technology

- [Broadcast studio equipment](#)
- Virtual Reality
- Expand Google education practices
- Collecting data in RTIm Direct system

Implement the newly revised curriculum in the following areas

- Foundations moves into 1<sup>st</sup> grade
- NGSS implemented in grades K – 5
- Revised Math curriculum in grades 3 – 5

Providing instructional support for teachers moving into a Block Schedule



# **Professional Development**

*'Plan to be better tomorrow than today,  
but don't plan to be finished!'*

**Carol Ann Tomlinson US Educator**

# New Grant promises changes...

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## EFLS Grant supported by private benefactor

April	May - June 2017	July - August 2017	Sept. - Nov 2017	Dec. - March 2017-18	April- June 2018	July -Sept 2018-19
EFLS final decision?	Quotes, purchase orders and equipment	Create space, install equipment,	Implement program	Club is researching and finalizing segments for a monthly spotlight to begin in the month of January	Meet with EFLS for preparation and support for 2018-19 school year	Reflect on program successes and continued areas of growth.
Curriculum meeting	Preparing a plan for classroom Transition  Staff meetings to prepare for summer curriculum work	Consultants come in to train staff to use equipment  Curriculum club development	Lay foundation for the club through instruction within the first 6-8 weeks			Future: <b>“Wake Up Warriors”</b> newsfeed pre-production

# New Grant promises changes...

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## New equipment to enhance technology curriculum!

### Core Studio Equipment



AV Mixer: Records up to 4 cameras and mixes video and adds graphics



3 HD Sony cameras



3 Teleprompters



5 Light Studio Lighting

