



A Review of Our Instruction is G.R.E.A.T

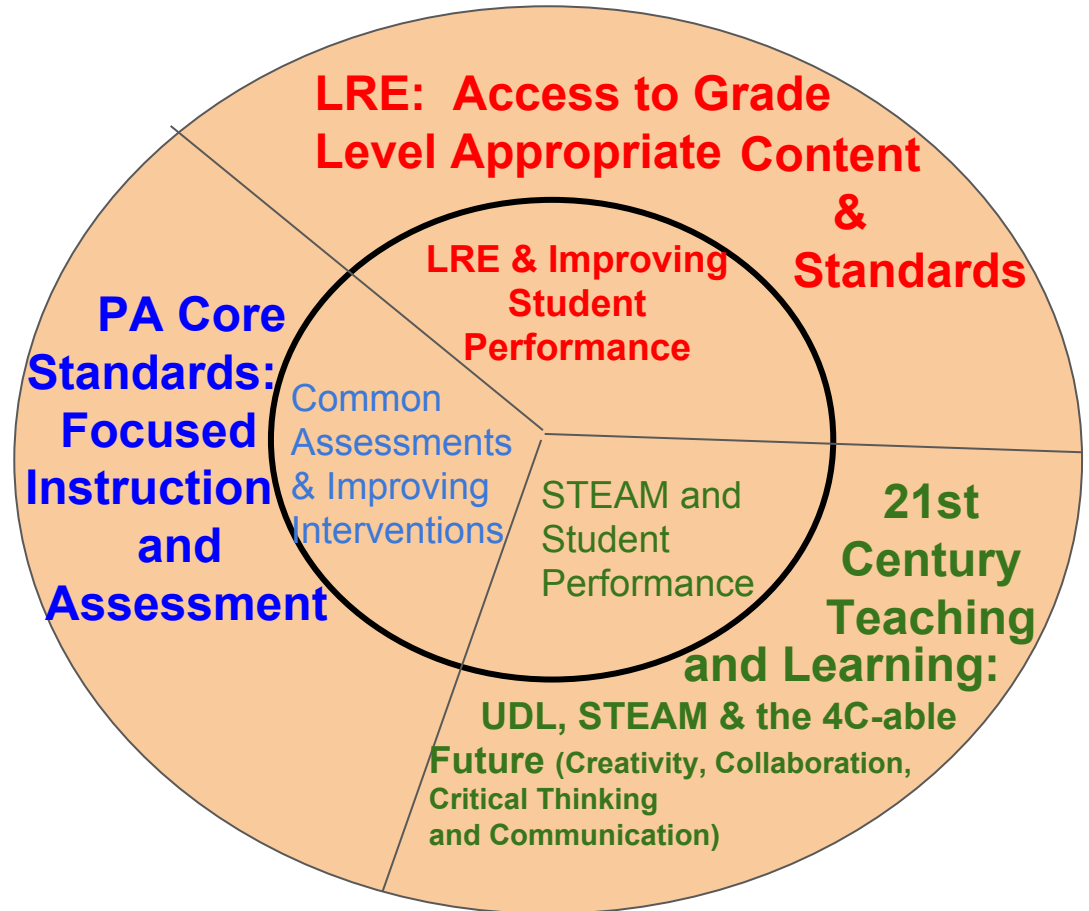
(Guided by Standards, Rigorous, Engaging, Assessment to guide instruction, Tailored through flexible grouping)

Board Presentation November 13, 2018

The Vision

2016-2017: All Learners Grow

2017-2018: Our Instruction is G.R.E.A.T.



“

John O'Connor has led school improvement initiatives at the state and local level during his 28 years in public education. In his book, *Turning Average Instruction into Great Instruction* (2009), O'Connor states,

“If we are going to increase student performance, we must diligently focus our schools on the one critical factor that has the greatest impact on student achievement -- classroom instruction. In fact, decades of research clearly show that what happens between teachers and students in our nation’s classrooms has the greatest impact on how well those students learn.”



”



GREAT instruction includes specific elements. GREAT instruction is:

- **Guided** by the Curriculum
- **Rigorous** with research-based strategies
- **Engaging** and exciting
- **Assessed** continuously to guide instruction, and
- **Tailored** through flexible groups

GREAT instruction is complemented by the support of instructional initiatives that are beneficial for all students. Overcoming instructional barriers are critical to implementing GREAT instruction and having a positive impact on student achievement.



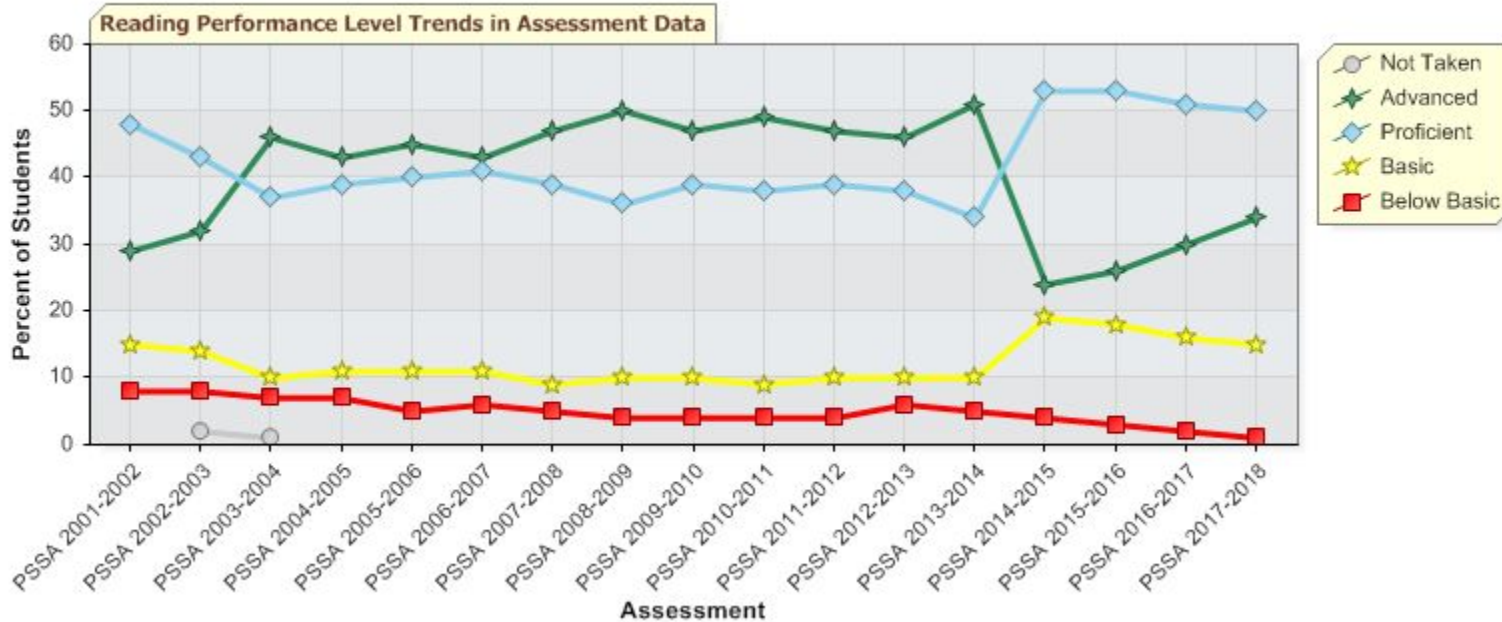
Bethel Park School District vs Pennsylvania- 17/18 PSSA Data

Percentage of Students Proficient and Advanced

	District	State
English/Language Arts	84.1	61.4
Mathematics	67	42
Science	89.5	64.8

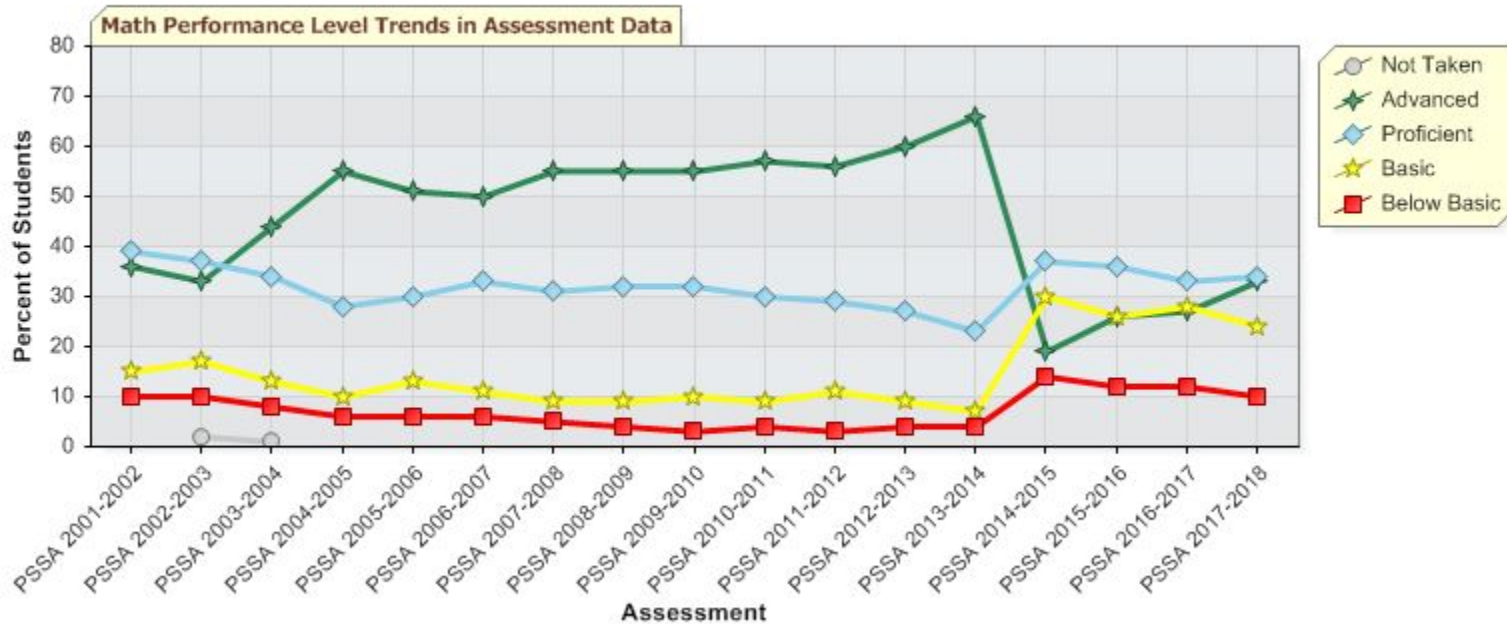
PSSA Reading Achievement Data

Subject: Reading



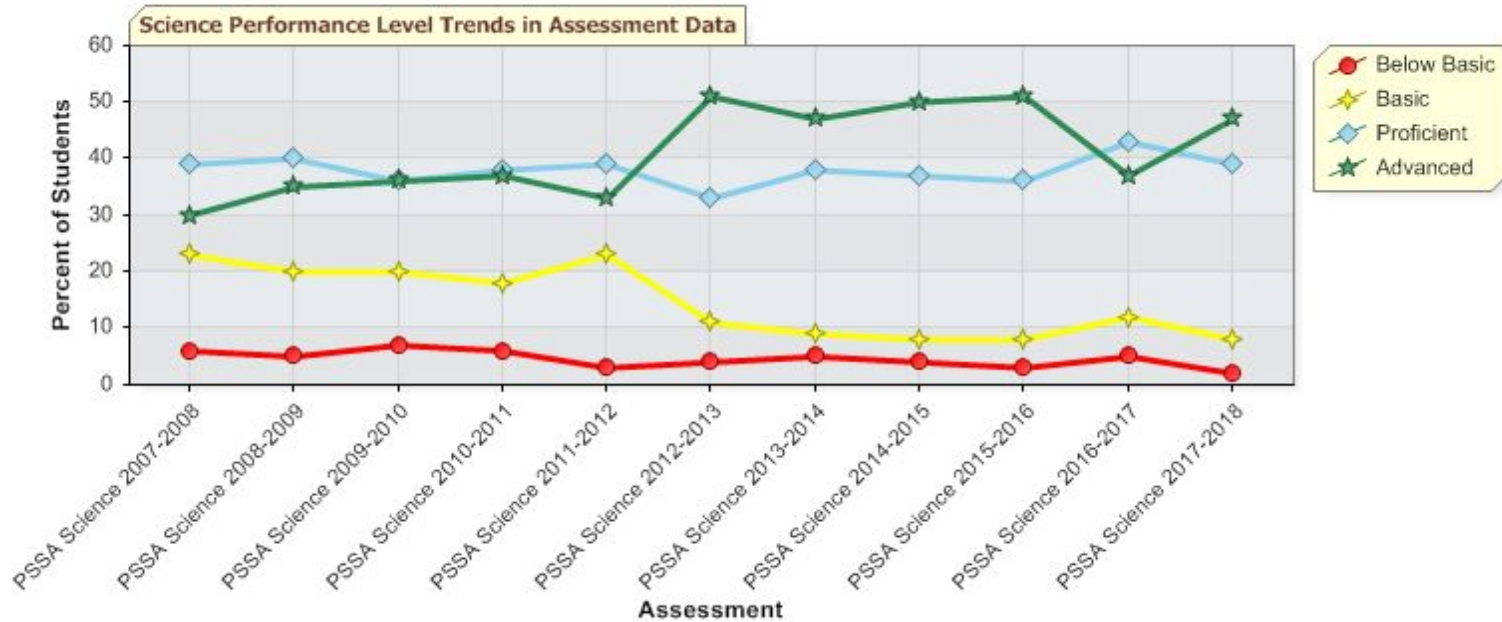
PSSA Math Achievement Data

Subject: Math



PSSA Science Achievement Data

Subject: Science



Keystone Literature Data

Grade 11

	Below Basic	Basic	Proficient	Advanced
2014	2.5	8.2	63.7	25.7
2015	5.43	11.43	67.43	15.71
2016	2.6	8.7	78.3	10.4
2017	2.8	12.5	73.9	10.8
2018	3.9	10.4	73.8	11.9
2018 State	8.4	18.9	62.7	10.0

All data on slides 9-15 is taken from Edinsight and is rounded so it may not add to exactly 100%.

Keystone Algebra Data

Grade 11

	Below Basic	Basic	Proficient	Advanced
2014	2.7	17.1	59.2	20.9
2015	5.16	19.48	59.6	15.76
2016	2.5	20.4	49.9	27.2
2017	6.8	21	53	19
2018	6.7	20.1	47.1	26.1
2018 State	9.7	25.1	41.7	23.5

Keystone Biology Data

Grade 11

	Below Basic	Basic	Proficient	Advanced
2014	6.6	16.9	53.8	22.7
2015	8.36	18.73	40.35	32.56
2016	7.7	16.2	44.7	31.3
2017	9	15.5	41.5	34
2018	7.8	13.5	46.5	32.1
2018 State	14.3	21.3	37.4	27.0

3rd GRADE

School Name	Subject	Grade	2018 % Proficient/ Advanced	2017 % Proficient or Above	%ile Change from 2017 to 2018
ABRAHAM LINCOLN EL S	ELA	3	82	79	3
BENJAMIN FRANKLIN EL	ELA	3	77	95	-18
BETHEL MEMORIAL EL S	ELA	3	88	84	4
GEORGE WASHINGTON EL	ELA	3	87	87	0
WILLIAM PENN EL SCH	ELA	3	90	85	5
ELA State Average			64		
ABRAHAM LINCOLN EL S	Math	3	71	70	1
BENJAMIN FRANKLIN EL	Math	3	79	83	-4
BETHEL MEMORIAL EL S	Math	3	72	76	-4
GEORGE WASHINGTON EL	Math	3	70	72	-2.0
WILLIAM PENN EL SCH	Math	3	90	74	16
Math State Average			54		

4th GRADE

School Name	Subject	Grade	2018 % Proficient/ Advanced	2017 % Proficient or Above	%ile Change from 2017 to 2018
ABRAHAM LINCOLN EL S	ELA	4	80	81	-1
BENJAMIN FRANKLIN EL	ELA	4	94	83	11
BETHEL MEMORIAL EL S	ELA	4	81	82	-1
GEORGE WASHINGTON EL	ELA	4	77	81	-4
WILLIAM PENN EL SCH	ELA	4	94	79	15
ELA State Average			60		
ABRAHAM LINCOLN EL S	Math	4	59	55	4
BENJAMIN FRANKLIN EL	Math	4	78	63	15
BETHEL MEMORIAL EL S	Math	4	73	58	15
GEORGE WASHINGTON EL	Math	4	40	63	-23
WILLIAM PENN EL SCH	Math	4	79	81	-2
Math State Average			44		

Middle School

School Name	Subject	Grade	2018 % Proficient/ Advanced State	2018 % Proficient/ Advanced	2017 % Proficient or Above	%ile Change from 2017 to 2018
Neil Armstrong	ELA	5	59	78	74	4
Neil Armstrong	ELA	6	63	83	83	0
Independence	ELA	7	62	87	84	3
Independence	ELA	8	62	87	83	4
Neil Armstrong	Math	5	45	68	61	7
Neil Armstrong	Math	6	40	65	64	1
Independence	Math	7	39	75	62	13
Independence	Math	8	31	54	41	13

Science

School Name	Subject	Grade	2018 % Proficient/ Advanced	2017 % Proficient or Above	%ile Change from 2017 to 2018
ABRAHAM LINCOLN EL S	Science	4	95	87	8
BENJAMIN FRANKLIN EL	Science	4	100	88	12
BETHEL MEMORIAL EL S	Science	4	91	91	0
GEORGE WASHINGTON EL	Science	4	95	95	0
WILLIAM PENN EL SCH	Science	4	100	94	6
Science State Average			76		
Independence Middle School	Science	8	83	76	7
Science State Average			54		

Upcoming: Future Ready Index

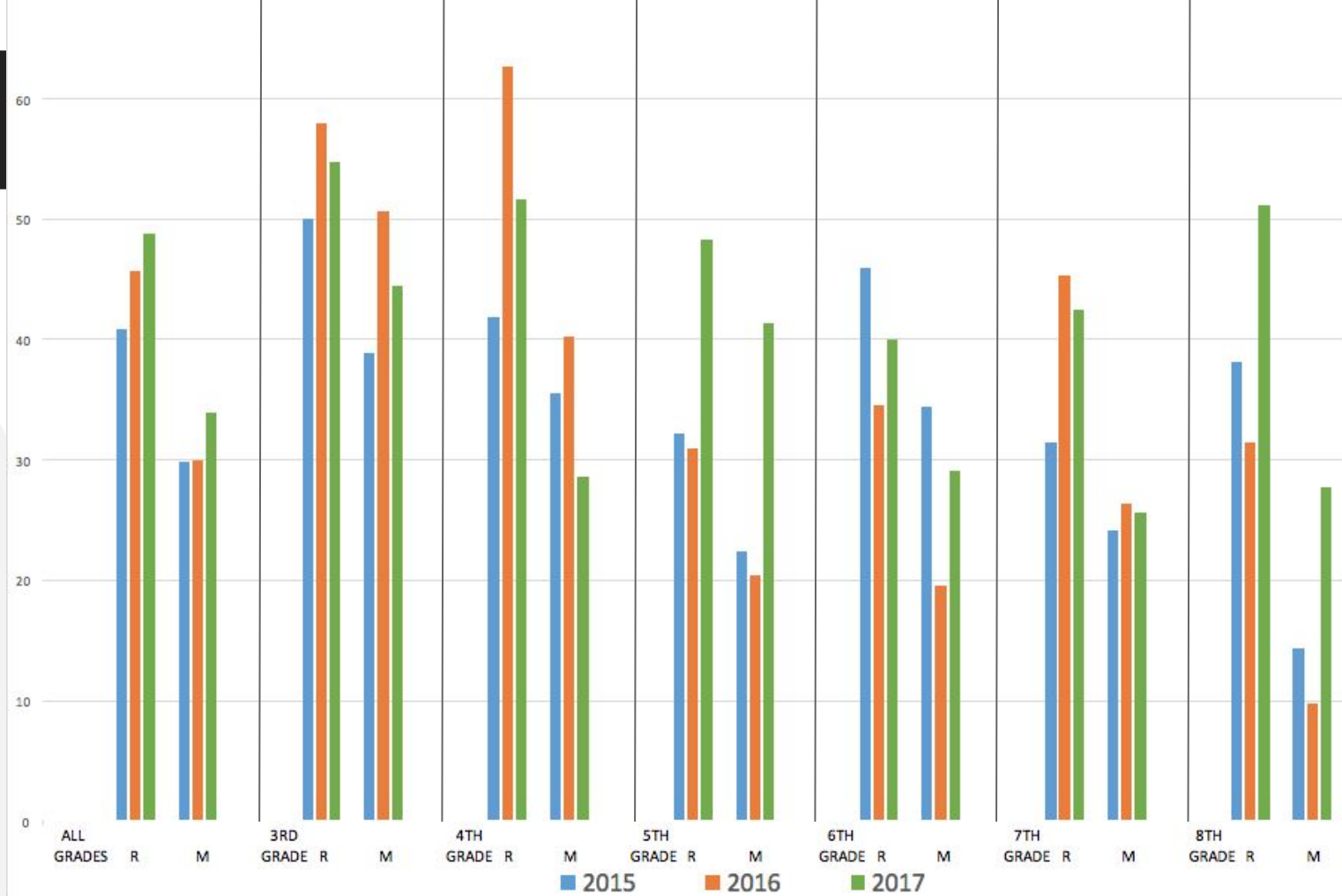
Indicators fall into three main categories:

1. Statewide Assessment Measures
2. On-Track Measures
3. College and Career Ready Measures

PSSA Data: IEP Subgroup % Proficient & Advanced

2015
2016
2017

Reading
& Math



Least Restrictive Environment (LRE) Data

The Individuals with Disabilities Education Act (IDEA), requires students with disabilities to be educated with students without disabilities to the maximum extent appropriate for each student, within the full continuum of placement options.

To meet the current State average, 62% of students with IEPs should receive their instruction in general education classrooms for 80% or more of the school day.

	80% or more	Meet Target?	< 40%	Meet Target?	Other Settings	Meet Target?	Total Child Count
12/1/2015 District	55.4	No	4.0	Yes	4.5	Yes	738
State SPP Target	61.8 63.1		9.5 8.5		4.9 4.6		
12/1/2016 District	56.3	No	3.1	Yes	4.0	Yes	730
State SPP Target	62.4 63.6		9.0 8.3		4.9 4.6		
12/1/2017 District	59.5	No	2.6	Yes	4.1	Yes	722
State	62.0		9.3		4.9		

21st Century and STEAM

Headlines:

1. **Bethel Park High School Students Participate In DNA Lab With Pitt Researchers**
2. **Innovators Club Building A Wind Turbine**
3. **Fifth Graders Go On A RiverQuest**
4. **Second Graders Develop A Growth Mindset**



Next Steps to Innovative Mindsets

(George Couros, 2015)

- A change for the current year's vision is that now there are 4 areas instead of 3.
- **“Safe and Supportive Schools”** has been added to reflect the priorities of promoting active student engagement in a safe and positive learning environment.
- **“Universal Design Learning Opportunities for All”** sets the stage for having a strengths-based learning perspective where classrooms are learner focused.

Next Steps to Innovative Mindsets

(George Couros, 2015)

- **“Reflective Teaching Practices”** emphasize that as instructors, we must have a map for meaningful learning focused on a clear destination defined by success criteria with room for frequent feedback.
- **“21st Century Skills”** reflects an innovative classroom focused on student voice and choice where students are critical thinkers who are not only problem solvers, but reflective problem finders. Learners persevere through challenges in a collaborative environment to reach their goals.

Next Steps to Innovative Mindsets

(George Couros, 2015)

- School Police Officers are becoming acclimated to the district and help with safety drills and are an integral part of building and district level safety teams.
- Continue to analyze data in all areas to identify strengths and areas of concern.
- Work with staff to use data to inform instruction, remediation, and enrichment.
- Implementation of Co-Teaching and Team Teaching to help us meet the state expectation for students with IEPs receiving instruction in the general education setting “80% or more” of the school day.

The Vision



2018-2019

**UNIVERSAL DESIGN LEARNING
OPPORTUNITIES & SUPPORTS FOR ALL**

21st CENTURY SKILLS

2017-2018

**LRE:
Access to Grade Level
Appropriate Content &
Standards**

**21st Century Teaching
and Learning: UDL,
STEAM & the 4C-able
Future**

2016-2017

**LRE and
Improving
Student
Performance**

**STEAM
and Student
Performance**

**Common
Assessments
and Improving
Interventions**

All

Learners

Grow

**PA Core Standards:
Focused Instruction and
Assessment**

Our Instruction is G.R.E.A.T.

SAFE & SUPPORTIVE SCHOOLS

REFLECTIVE TEACHING PRACTICES

Innovative Mindsets