



**BOE Meeting  
12/3/19  
Future Agenda Item**

# **2019 Illinois Science Assessment Follow-Up**

# ISBE - Illinois Science Assessment

The ISA is designed ...

- To reflect classroom experiences
- Push students to apply their knowledge when they give answers
- Ask students to demonstrate what they know by applying knowledge to real-life situations

The ISA...

- Is an hour-long summative assessment
- Provides administrators with important data to help them make broad curriculum decisions at the school and district levels
- Is not designed to support educators in making teaching adjustments year-to-year for individual students

Taken from: <https://www.isbe.net/isa>

# 10/24/19 Board of Education Weekly Update

We have received our 2019 Illinois Science Assessment Results and it is also posted on the ISBE website.

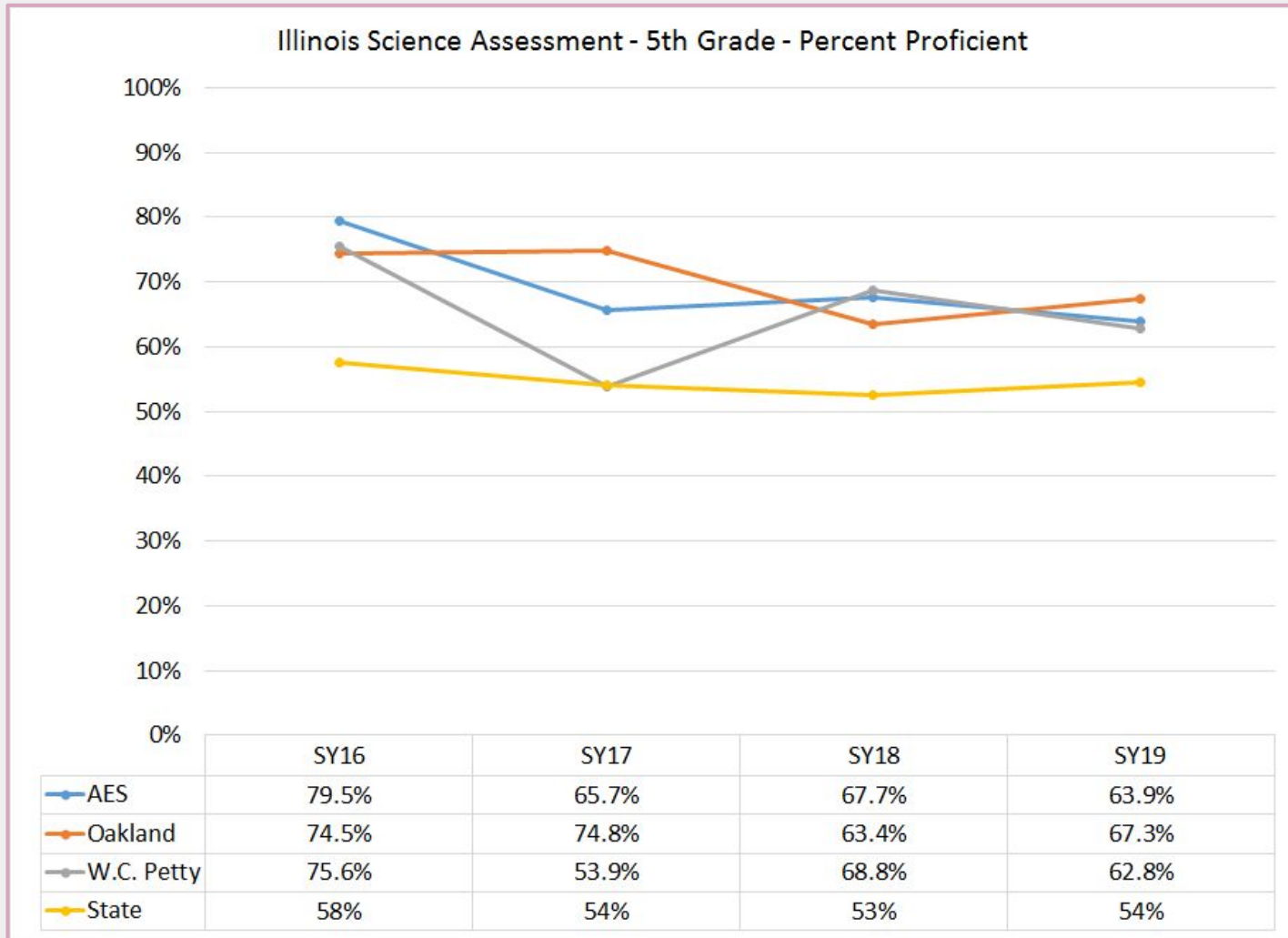
As you can see, we are now in our 4th year of data collection.

This is the first year that we are able to see how our students did in 5th grade (2016) to 8th grade (2019).

Data has been shared with building principals to share with their staff.

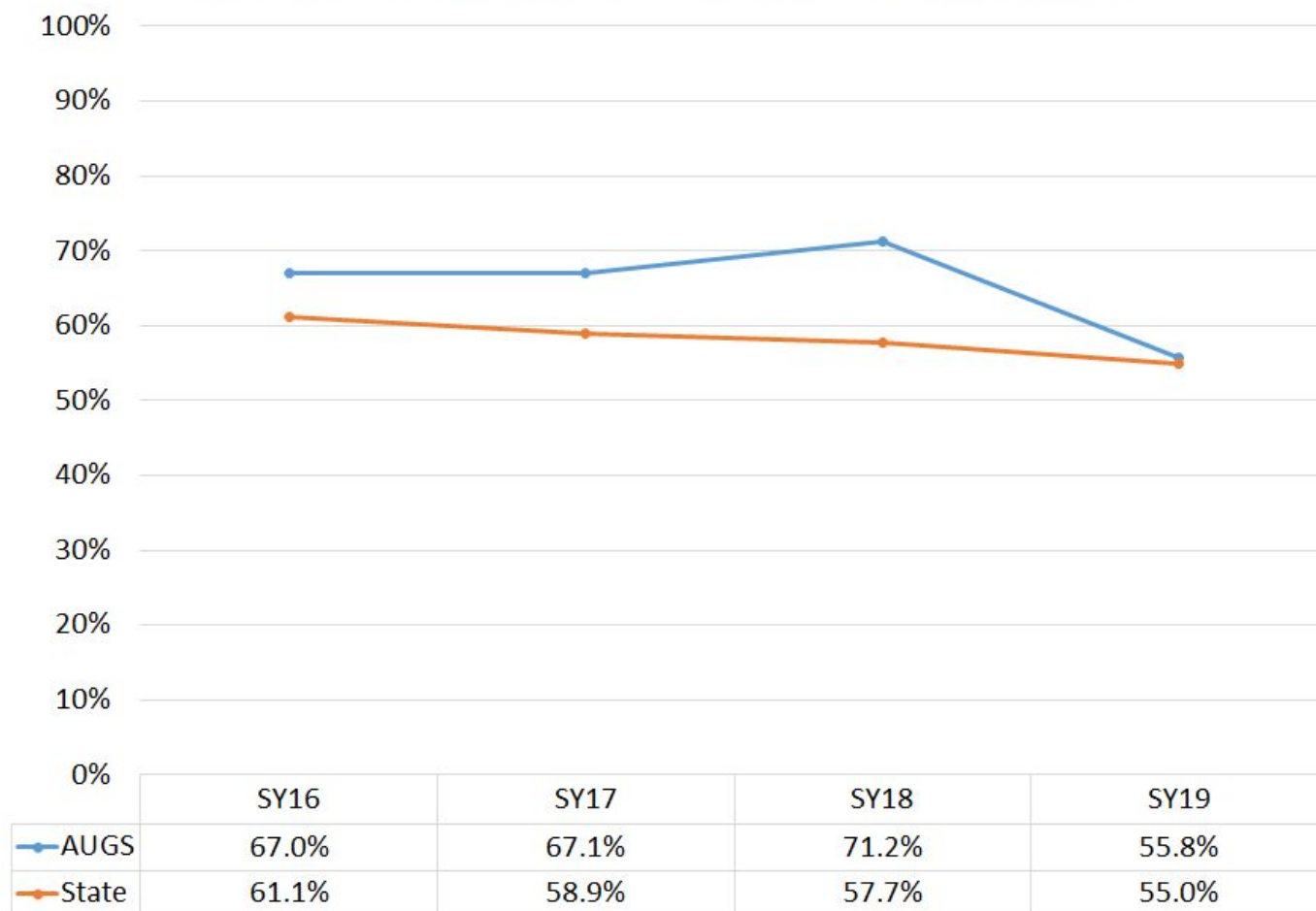
5th Grade	2016	2017	2018	2019 (D34 Science Pilot Year)
5th Grade D34	76.3%	65.7%	66.6%	64.8%
AES	79.5%	65.7%	67.7%	63.9%
OAK	74.5%	74.8%	65.9%	67.3%
WCP	75.6%	53.9%	68.8%	62.8%
Emmons	75.8%	80.6%	77.1%	80.6%
Grass Lake	72.7%	50.0%	89.5%	76.9%
Millburn	62.4%	80.2%	74.1%	79.8%
Lake Villa	72.8%	67.6%	70.8%	63.3%
State	57.5%	54.1%	52.6%	54.4%
8th Grade	2016	2017	2018	2019 (D34 Science Pilot Year)
AUGS	67.0%	67.1%	71.2%	55.8%
Emmons	75.0%	78.4%	80.6%	81.1%
Grass Lake	70.6%	90.9%	88.9%	63.2%
Millburn	80.5%	91.2%	79.9%	70.7%
Lake Villa	58.3%	50.9%	48.4%	53.4%
State	61.1%	58.9%	57.7%	55.0%

# 5th Grade Overtime



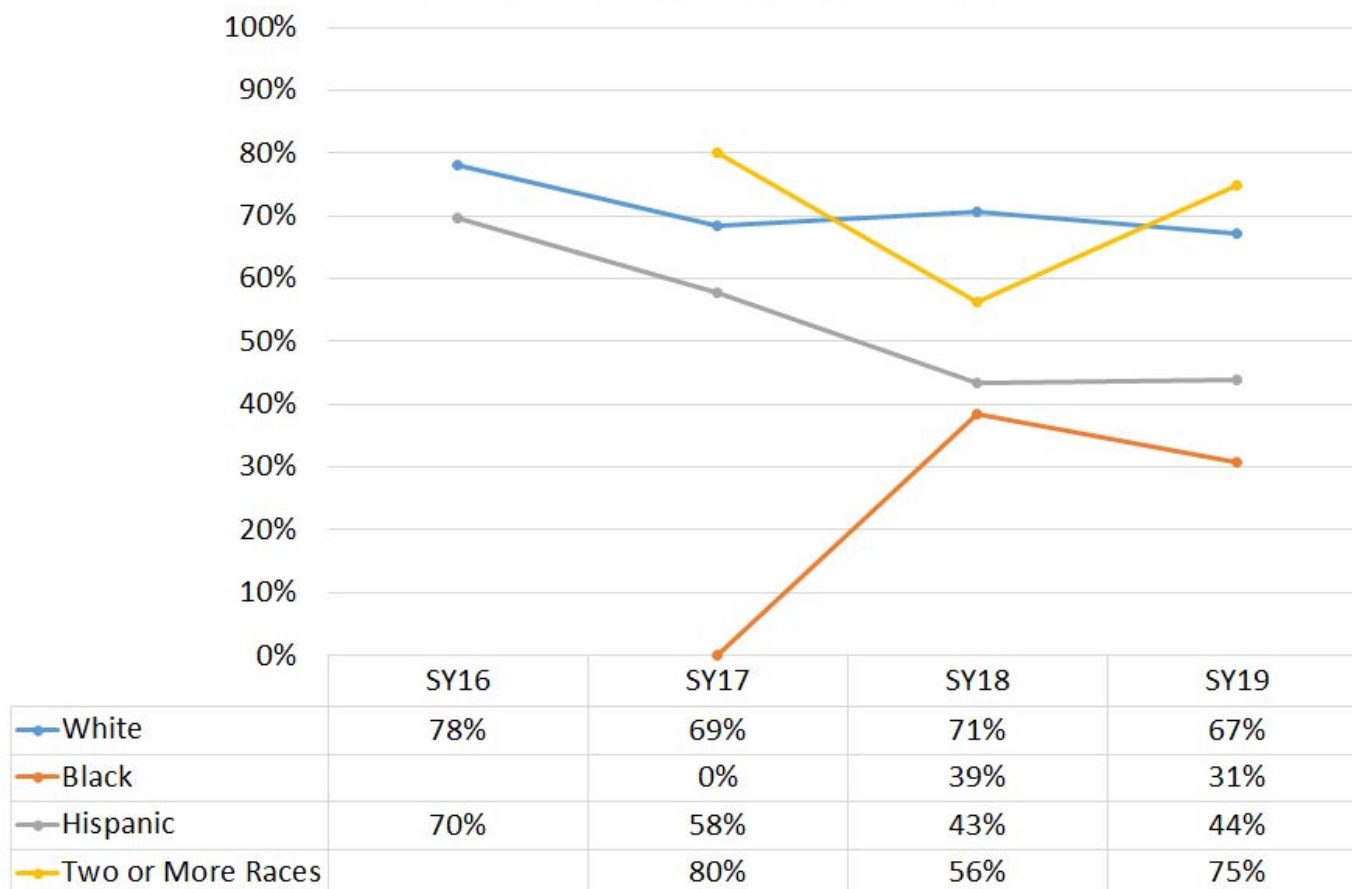
# 8th Grade Overtime

Illinois Science Assessment - 8th Grade - Percent Proficient



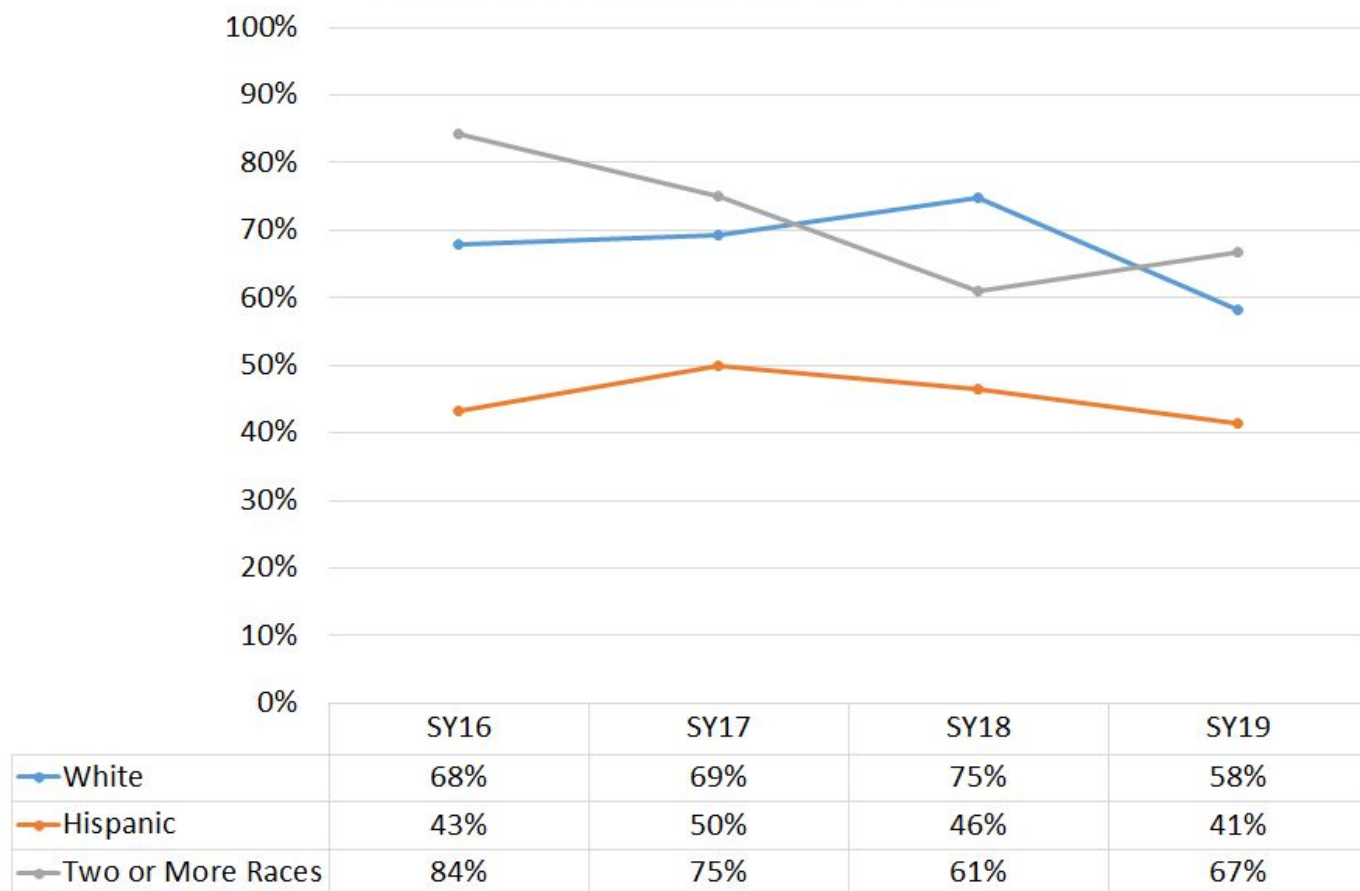
# Race - 5th Grade

Illinois Science Assessment - 5th Grade - Percent Proficient -  
Qualified Race/Ethnicity Sub-Groups

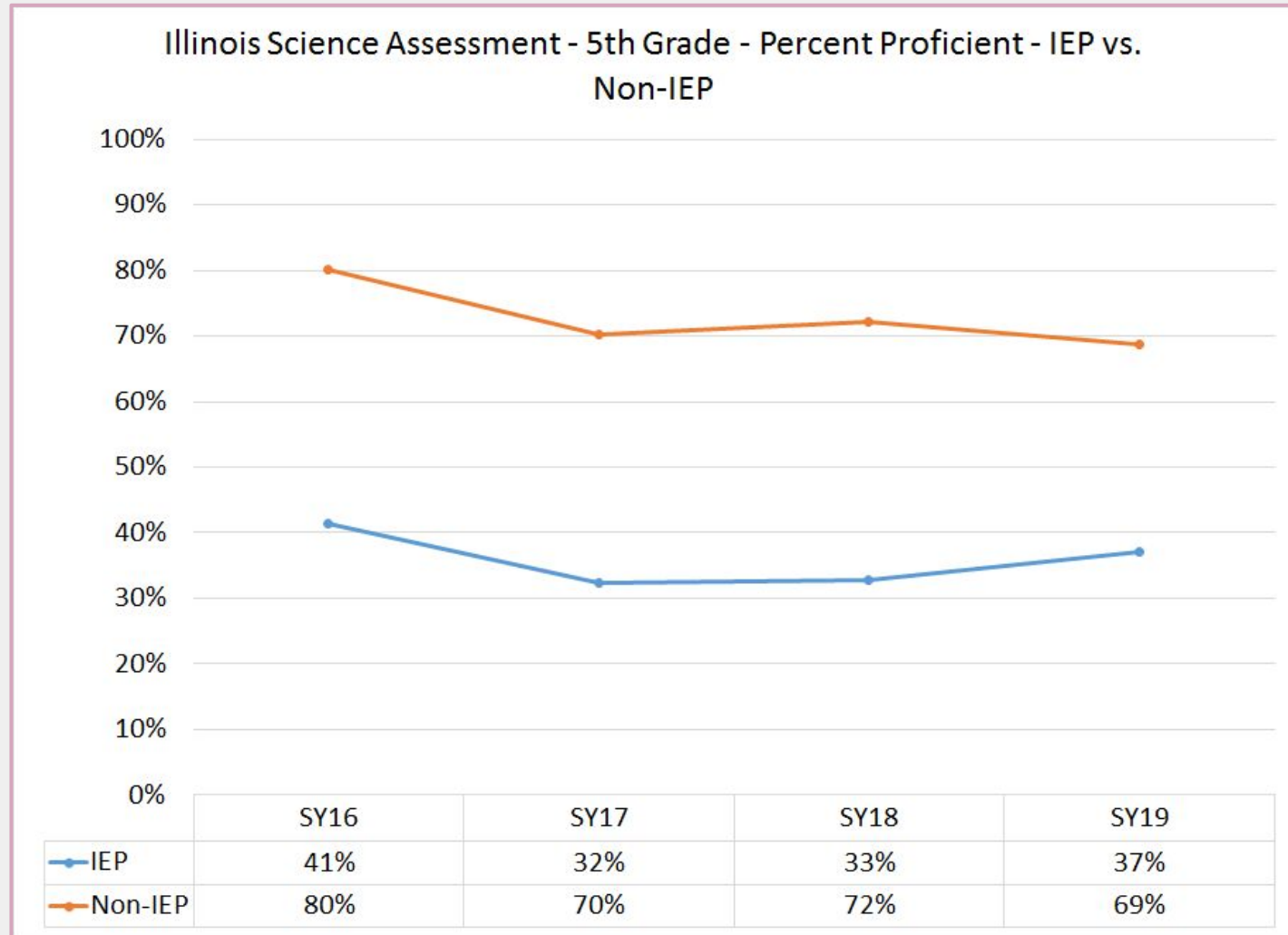


## Race - 8th Grade

Illinois Science Assessment - 8th Grade - Percent Proficient -  
Qualified Race/Ethnicity Sub-Groups



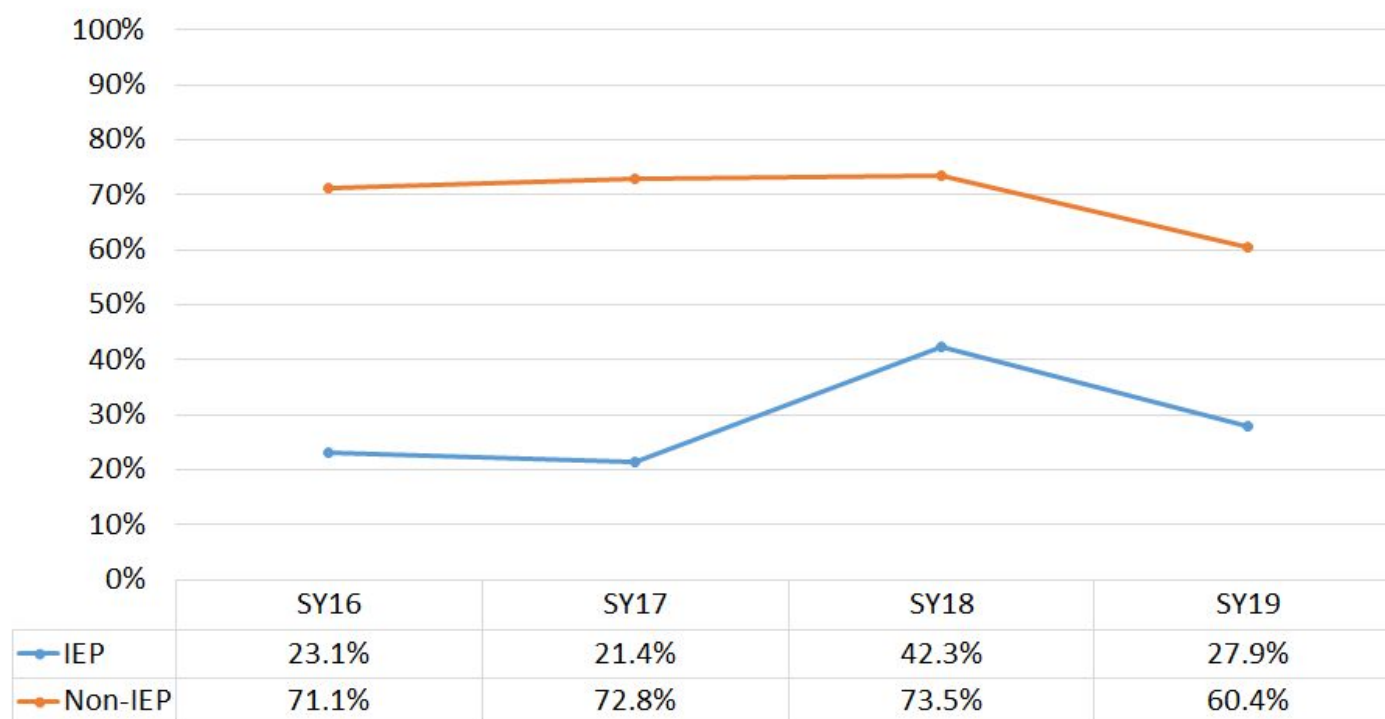
# IEP vs Non IEP 5th Grade





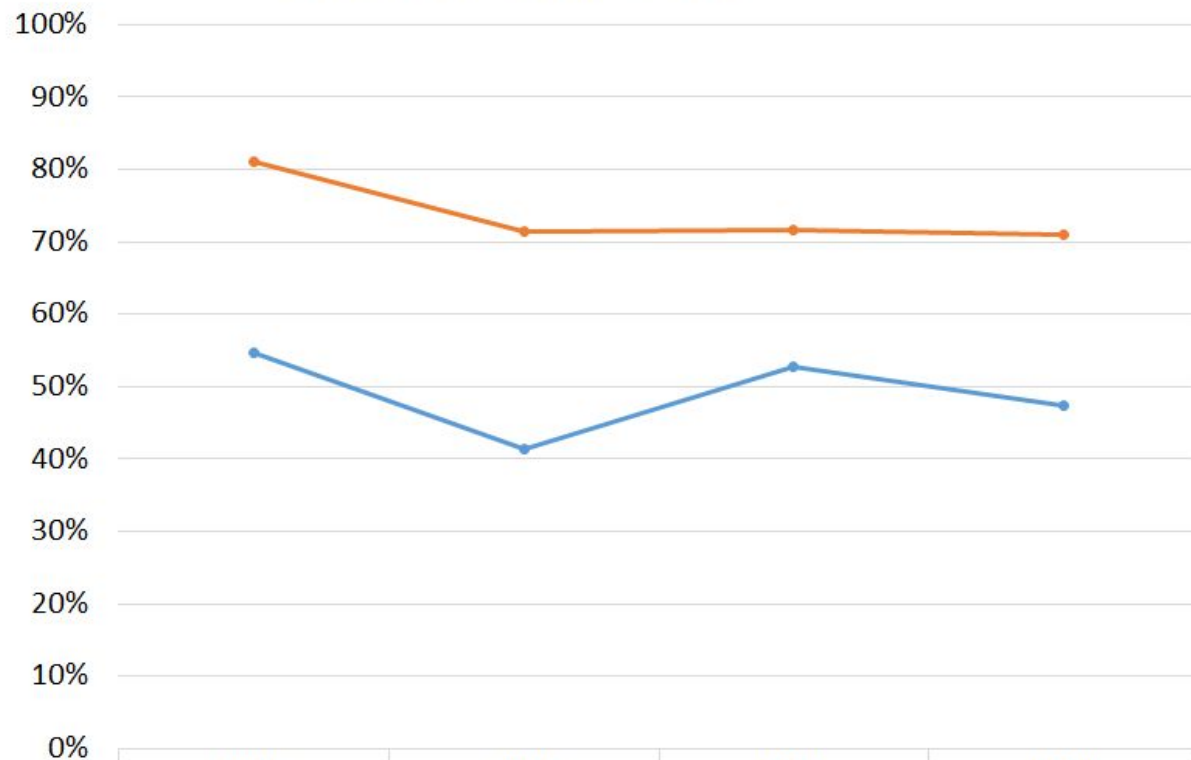
# IEP vs Non IEP 8th Grade

Illinois Science Assessment - 8th Grade - Percent Proficient - IEP vs. Non-IEP



# Low Income vs. Non Low Income 5th Grade

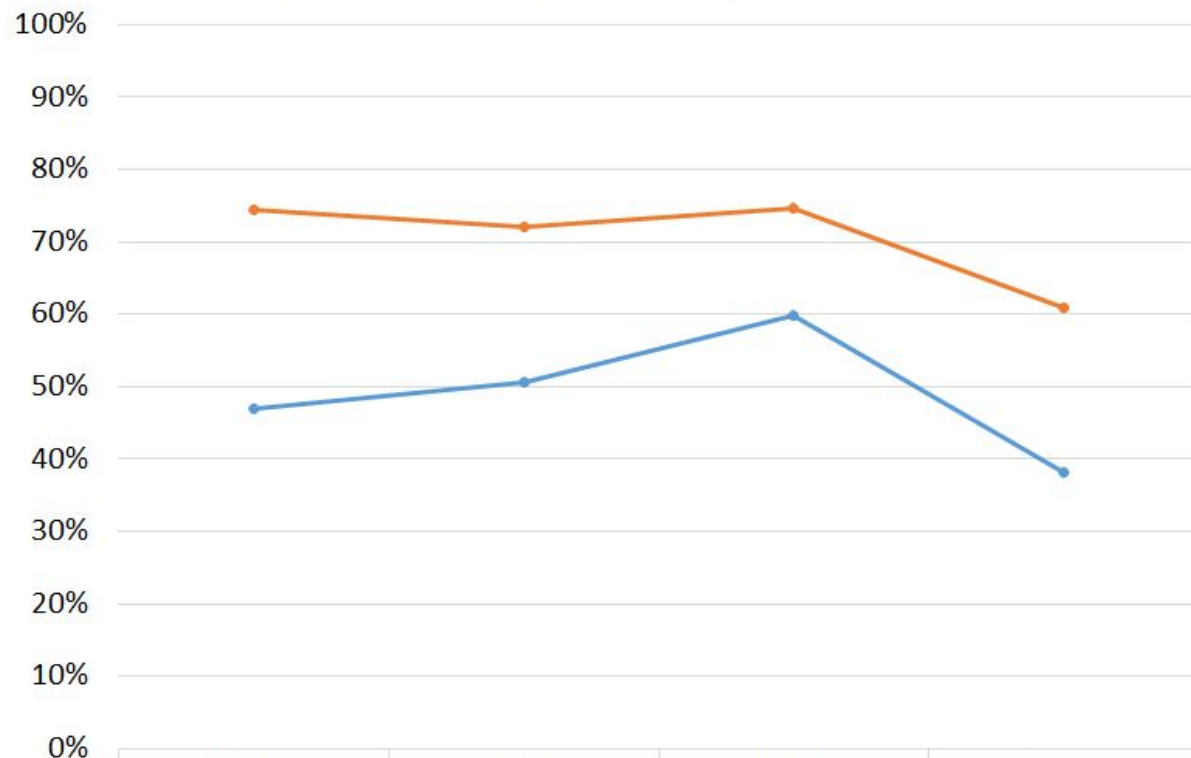
Illinois Science Assessment - 5th Grade - Percent Proficient - Low Income vs. Not Low Income



	SY16	SY17	SY18	SY19
Low Income	55%	41%	53%	47%
Not Low Income	81%	71%	72%	71%

# Low Income vs. Non Low Income 8th Grade

Illinois Science Assessment - 8th Grade - Percent Proficient - Low Income vs. Not Low Income



	SY16	SY17	SY18	SY19
Low Income	47.0%	50.6%	59.8%	38.2%
Not Low Income	74.4%	72.1%	74.7%	60.8%

# NWEA Snapshot



## Student Growth Summary Report

Aggregate by District

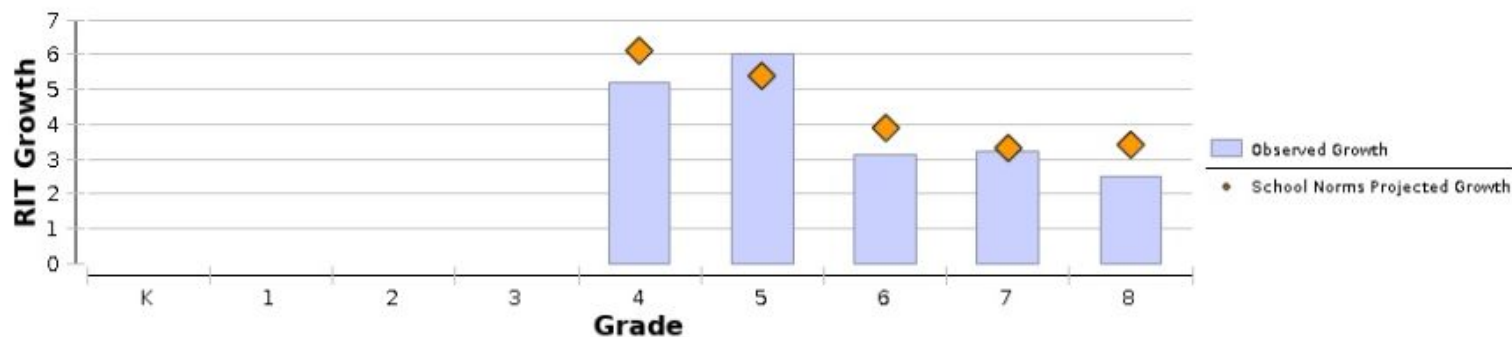
Term: Winter 2018-2019  
District: Antioch CC School District #34

Norms Reference Data: 2015 Norms  
Growth Comparison Period: Winter 2018 - Winter 2019  
Weeks of Instruction: Start - 17 (Winter 2018) ^  
End - 17 (Winter 2019) ^  
Grouping: None  
Small Group Display: No

Science - General  
Science

		Comparison Periods									Growth Evaluated Against						
		Winter 2018			Winter 2019			Growth		School Norms			Student Norms				
Grade (Winter 2019)	Growth Count†	Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile	
K	0	**			**			**					**				
1	0	**			**			**					**				
2	0	**			**			**					**				
3	0	**			**			**					**				
4	234	199.2	9.2	92	204.4	8.4	89	5.2	0.4	6.1	-0.56	29	234	128	55	52	
5	245	203.3	8.3	85	209.2	9.1	88	6.0	0.4	5.4	0.40	65	245	148	60	61	
6	314	208.6	8.5	86	211.7	9.4	82	3.1	0.4	3.9	-0.54	30	314	174	55	53	
7	300	210.9	9.3	78	214.1	10.0	82	3.2	0.4	3.3	-0.07	47	300	164	55	53	
8	299	214.1	11.0	82	216.5	11.7	78	2.5	0.4	3.4	-0.76	22	299	156	52	52	

### Science - General Science



# Next Steps with Amplify Science

- Teaching and Learning joining AUGS Science Department meeting in December to review data (including pictures shown)
- Amplify Implementation Learning Walks in Winter and Spring

Metabolism

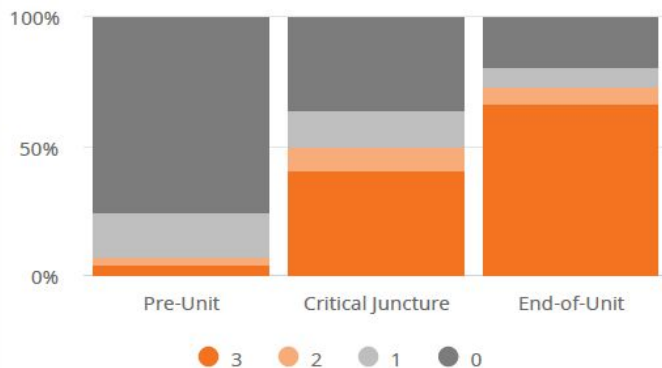
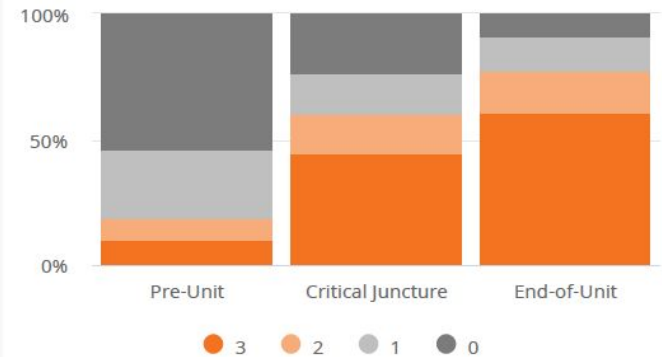
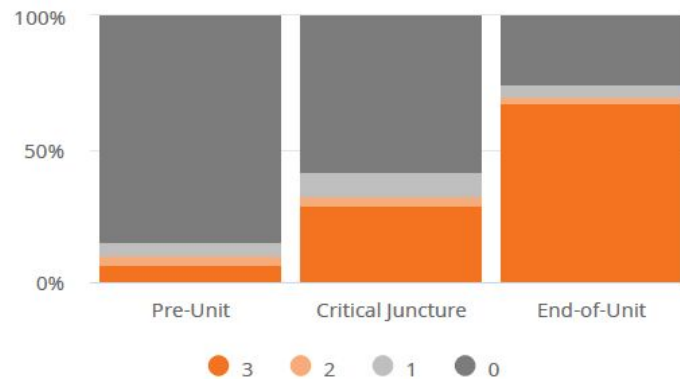


Plate Motion



Force and Motion





# Thanks!

## Any questions?