



THE MARITIME ACADEMY OF TOLEDO

ANNUAL REPORT 2017-2018

Submitted to
ESC Central Office
2080 Citygate Drive
Columbus, OH 43219

By
Tom Shafer, Superintendent
July 12, 2018

Navigate to Excellence!

Name of School	The Maritime Academy of Toledo
Address of School	803 Water Street, Toledo, OH 43604
Telephone of School	419-244-9999
IRN	000770
Superintendent	Thomas W. Shafer
Principal	Aaron Lusk
Fiscal Agent of School	Tony Swartz
Voting Governing Board Members	Chair: Linda Stacy
	Vice-Chair: Dr. Bill Davis
	Member: Barb Pinter
	Member: Jim Hartung
	Member: Jack Sculfort
	Member: Keith Jordan
	Member: Bob Lucas
Non Voting board members	Treasurer: Tony Swartz
	Secretary Kathy Simpson
Business Manager	Kathy Simpson
School Year the School Opened:	2006-2007
Number of Students:	275
Grade Levels Served:	5-12
Percentage of Students on IEP's:	32%
Assessments:	Study Island; AIR, End of Course, STAR Diagnostic, Plato assessments

A Grade 5-12 Nautical-Themed Public School.

The Academy is one of Northwest Ohio's newest and most innovative tuition-free public schools using nautical themes to educate students in grades 5-12. All students, referred to as "cadets," are challenged to achieve academic excellence and leadership skills in preparation for college and the world of work.

Maritime courses of study ensure that students master grade-level standards and complete a high school diploma-based course of study. Differentiated instruction ensures that every Maritime student will experience academic growth in reading, writing, math, science, social studies, art, music, technology, and physical education.

The Academy is committed to ensuring 80% proficiency rate of the AIR / End Of Course exams and to achieving a 92% diploma and graduation rate, by providing students a rigorous, high-quality middle/junior/high school education (Grades 5-12) which incorporates career education beginning in 7th grade. It also includes a partnership with the USCG allowing the formation of a Flotilla. This formed the very first high school Auxiliary Coast Guard unit in the country. TMAT offers students a challenging Ohio standards-based education that promotes teamwork and moral leadership through maritime/nautical focused themes.

The Maritime curriculum, among other things focuses on one of the most valuable environments, habitats, and natural resources in the world-namely, water, and in particular, the navigable waterways of the Great Lakes, its islands, bays, and confluent rivers. Nautical/Marine Themes will teach to Ohio standards through traditional and non-traditional content areas such as marine biology, physics, earth science, engineering, radar, sonar, Global Positioning, Geographical Information Systems, mapping/charting labs, nautical/marine art, architecture, woodworking, sea literature, narratives, poetry and prose classes, lighthouses, shipwrecks, coastlines, islands, sea travel, seaports, canals, locks, leisure, sports, economics/commerce, and technology themes will be used to teach to Ohio Content standards.

A Culinary program has been established for five years. This program allows our cadets to receive industry-wide credentials which will improve employment capabilities.

The Maritime Academy of Toledo continues with a partnership with the Northwest Ohio Trades. This partnership will allow our cadets to enter into one of 16 different career fields after graduation.

The Career Development position continues to help our graduates with job placement. Soft skills such as interviewing and resume writing are part of this program.

TMAT continues to have a strong partnership with the US Military as several graduates entered the military upon graduation

An Environmental Science Career Tech program with a partnership with Owens Community College is in place. Students in this program can go on to jobs right out of high school or continue a Science field in college.

Our original CTE program, Maritime Occupations continues to place graduates in maritime positions.

TMAT is committed to ensuring a safe and healthy learning environment through a strict code of conduct. The Academy is also committed to developing strong partnerships with families through a strong parent organization, volunteer program, regular conferences, and intervention strategy meetings.

Our Vision

It is our vision at the Maritime Academy of Toledo to shape future leaders by developing strong character and innovative minds.

Our Mission:

It is our mission to:

- develop students with strong character and creativity through hands-on learning.
- teach positive character traits including Accountability, Buoyancy, Observancy, Altruism, Respect, and Discipline.
- develop skills for college and career readiness.
- involve all stakeholders in the educational process.
- incorporate nautical/maritime themes into the general education curriculum.
- provide innovative and challenging career tech programs.
- create a safe and welcoming learning environment.

Our Values:

The Maritime Academy of Toledo supports student's interests, strengths, and emerging academic needs using individualized and small group instruction methods and hands-on, life-based learning experiences across the curriculum.

Our Philosophy:

WE BELIEVE in the education of the “whole child.”

WE BELIEVE every child is entitled to an education that supports the child's present level of knowledge, skills, and dispositions, and at the same time challenges the child to grow, develop, and learn to his or her maximum potential.

WE BELIEVE all children can learn.

WE BELIEVE good teaching practices support children's emerging interests, strengths, and talents.

WE BELIEVE it is critically important to plan for children's intellectual and personal growth based upon what they already know and can do.

WE BELIEVE in identification of the academic strengths and needs of students in the fifth grade to give them essential support throughout their time at the Maritime Academy.

WE BELIEVE strongly in our character education program “Welcome ABOARD” to teach valuable social skills.

The Maritime Academy of Toledo is one of the most unique and innovative tuition-free public schools in the country—integrating nautical/maritime themes and experiences across the curriculum to educate students in grades 5-12. All Maritime Academy students, referred to as cadets, are challenged to achieve academic excellence and develop leadership skills in preparation for college and the world of work. The Academy is one of only a few marine deck, engine, and culinary High School Career Tech Education program in the U.S., graduating students with 20 semester hours of college credit, a passport, Transportation Worker Identification Card, Merchant Marine Credential (Basic Firefighting, Personal Survival Techniques, Personal Safety and Social Responsibility, and CPR/First Aid, making them ready to begin a lucrative career at sea, on tugboats, freighters, barges, oil rigs, and in shipyards. The Academy's Maritime Career Tech Education Program is the first and only in the State of Ohio and one of the few in the U.S., with its mission is to cultivate a new generation of racially and gender diverse competent, job-ready mariners for the maritime industry. The Culinary Career Tech field prepares students to achieve Pro Start and Serve Safe credentials which provides each one with an advantage in

hiring. The newly established Marine Environmental Science program, will allow our graduates to pursue a degree in up to 19 different fields ranging from Marine Biology, Environmental Science, Landfill Management to employment in water and sewage treatment facilities.

To aid in its mission and vision, TMAT has formed dynamic partnerships with the USCG, TACKLE Behavioral services, The National Museum of the Great Lakes, The Lucas County Library, Sea School and the Toledo Port Authority. The school also partners with members of the local community, as well as other marine-related organizations and industries around the world.

2017-2018 Accomplishments/Achievements of The Maritime Academy of Toledo

a. Received over \$287,796.07 in Grants Awards

1) Non-Competitive

2) Title I	\$ 159,111.19
3) Title II A	\$ 37,735.77
4) IDEA-B	\$ 74,949.11
5) High Schools That Work	\$ 8,000

b. 2018 Graduates - 27

- 1) Scholarships Awarded – 2; Number of scholarship recipients - 2
- 2) Maritime Industry Credentials – 8, Culinary Industrial Credentials 4
- 3) Full Time College/University - ?
- 4) Military Service - 3
- 5) Full Time Employment -10
- 6) Maritime Employment - ?
- 7) Culinary Employment – ?
- 8) Students attending college - ?

- a. Maintained a partnership with Owens Community College to provide college credits for CTE programs
- b. Continue expanding our third CTE program- Marine Environmental Science, included sophomores and juniors but will be expanded to the seniors in 18-19.
- c. Earned a “no finding” audit for 2017-2018,
- d. Maintained an international partnership with V-Step, from the Netherlands for software updates on the Class A Full Mission Bridge and 8-Station (16 students) Radar Classroom simulators
- e. Continued a partnership with the Toledo Building Trades and placed another graduate in the carpenters union
- f. Eight cadets sailed on the USS Brig Niagara for three-week internship in the summer, accumulating 120 sailing hours. A five-year partnership with the Niagara has been established.
- g. Hosted the 6th annual visit of the Great Lakes Maritime Academy, Traverse City, MI, “State of Michigan” training ship.
- h. Hosted several career days attended by various shipping companies, shipping union representatives, military branches, NW Ohio trade organization, environmental science careers, and culinary employment possibilities.
- i. Provided academic assistance afterschool program and summer camps (navigation simulation, boating, swimming, kayaking, boat building, art, test prep, math and language arts tutoring, guitar, physical education, basketball, track, culinary and dance)
- j. The high school drama department held our third school play and the first annual musical.
- k. Maintained a partnership with the USCG which includes the continuing of the flotilla. Members of the CG Auxiliary enlisted in the military and were admitted.
- l. We held several career tech education industry advisory committee meetings to advise and guide both Culinary and Maritime Occupations programs.
- m. Culinary Students participated in several internships including Promedica and the Cherry St. Mission.

Subsection Explanations of Academic Progress and Activities

(a) the performance standards by which the success of the school was evaluated by the sponsor during the 2017--2018 school year (i.e. the contractually stated academic goals including performance on statewide achievement and graduation tests)

(b) the method of measurement that was used by the sponsor to determine progress toward those goals during the 2017-2018 school year

(c) the school's activities toward and progress in meeting those contractually stated academic goals during the 2017-2018 school year

The following chart describes a, b, and c. illustrating The Maritime Academy of Toledo's five-year trends.

State of Ohio Criteria	2018	2017	2016
Report Card Rating		N/A	N/A
Performance Index Possible 120		56.5	56.1/120
Percent of Proficient Students And Rank		18.7	15.4
# Indicators Met		0 of 18- F	0 of 16-F
% of Indicators Met		0%	0%
AMO GOALS Academic Progress was met for all groups: SPED, Economic Disadvantaged and Minority Students		N/A	N/A
Value Added		F Overall High Mobility -C SWD- C Lowest 20%- C	F
School Improvement	N/A	N/A	N/A
ACT Participation		27.4%	16.9%
Graduation Rate – 4 Year		Data was incorrect	61.5%
Graduation Rate – 5 Year		Data was incorrect	75%
Attendance		95%	94%
Excused Absences	540	800	649
Unexcused Absences	1,084	1350	2104
#Expulsions		1	1
Expulsion Days		90	10
Out of School Suspensions	29	30	52
Student Suspension Days	56.92	193 days	140

ACADEMIC AND PERFORMANCE GOALS			
		Progress in Meeting 2017-2018 Goals	
<p>On the 2018 Ohio State Tests 70% of students will score basic, proficient, or above.</p>	<p>Study Island, Plato, Daily Test Prep classes and the 21st century test prep hour after school were activities designed to ensure every students' academic progress.</p> <p>Students who did not achieve proficiency in 2016-2017 were to be specifically targeted for academic progress that would lead to their proficiency. Students who were not proficient in one subject were required to attend mandatory test prep after school two days each week. Students who were not proficient in two or more subjects were asked to attend after school academic assistance. Students who failed to report for After School Test Prep classes had letters sent home and conferences with parents were held.</p>	2016-2017	
		Language Arts	
		5 th Grade	Basic: 47%
			Proficient: 7%
			Advanced: 21%
		6 th Grade	Basic: 33%
			Proficient: 24%
			Advanced: 5%
		7 th Grade	Basic: 45%
			Proficient: 17%
			Advanced: 3%
		8 th Grade	Basic: 16%
			Proficient: 16%
			Advanced: 2%
		ELA 1	Basic: 44%
			Proficient: 28%
			Advanced: 2%
		ELA 2	Basic: 32%
			Proficient: 24%
			Advanced: 6%
		Math	
		5 th Grade	Basic: 0%
			Proficient: 7%
			Advanced: 13%
		6 th Grade	Basic: 29%
			Proficient: 19%
			Advanced: 0%
		7 th Grade	Basic: 28%
			Proficient: 17%
			Advanced: 3%
		8 th Grade	Basic: 22%
			Proficient: 18%
			Advanced: 2%
		Algebra 1	Basic: 45%
			Proficient: 19%
			Advanced: 0%
		Geometry	Basic: 15%
			Proficient: 3%
			Advanced: 1%
		Science	
		5 th Grade	Basic: 29%
			Proficient: 14%
			Advanced: 21%
		8 th Grade	Basic: 26%
			Proficient: 22%
			Advanced: 14%
		Biology	Basic: 41%

			Proficient: 28%
			Advanced: 1%
		Social Studies	
		Government	Basic: 0%
			Proficient: 100%
			Advanced: 0%
		American History	Basic: 37%
			Proficient: 37%
			Advanced: 9%

2017-2018 Academic Performance Goals cont'd

Performance Standards for 2017-2018	Progress In Meeting 2017-2018 Goals	The Method Of Measurement That Was Used By The Sponsor To Determine Progress Toward The Goal.	TMAT Activities that were used to ensure monitor progress in meeting the goals throughout 2017-2018.
100% of students will advance in their knowledge of Ohio Revised Standards each quarter.	Planbook was used throughout the 2017-2018 school year to ensure standards based instruction. During OTES evaluations, lesson planning was evaluated. Put one teaches on improvement plans	Planbook (Lesson Plans, Individual Plans, and Assessments). School report cards, Study Island data and STAR data,	Each week teachers develop lesson plans related to specific ODE standards. Student mastery of the standards was to be recorded. At risk students were discussed at building and team level meetings Students were to be monitored for acquisition of the planned ODE Standards each week in all classrooms and across all subject areas and all programs
85% of students will advance a minimum of one grade level as evidenced by Study Island, STAR, Plato, Acusess assessments.	Data to inform teacher practice was generated through OTES evaluations and results from various testing. Some teachers were given improvement plans if the results produced a poor trend.	Study Island and STAR were given periodically throughout the year.	Plato and STAR diagnostic were given three times, the first being in September. Study Island data, via benchmarks was also used for diagnostic and assessment purposes.

2017-2018 Attendance and Discipline Goals

The Maritime Academy Goals and Performance Standards	Progress In Meeting Goals	The Method Of Measurement That Was Used By The Sponsor To Determine Progress Toward Those Goals During The 2017-18 School Year	The School's Activities Toward And Progress In Meeting Those Contractually Stated Academic Goals During The 2017-2018 School Year.
TMAT will achieve an Attendance Rate of 90% or greater.	Attendance rate has not been released.	State Report Card through PowerSchool attendance Data	<p>TMAT did offer incentives for "attendance" including uniform ribbons, ice cream socials, raffles, and dress down days.</p> <p>Per school board policy, truancy letters were to be sent home each time a student reached 3 absences. At five absences, the student failed the quarter. At ten absences in a semester the student automatically failed and at fifteen absences, the student was to have failed the entire school year. TMAT did offer incentives for "attendance" including uniform ribbons, ice cream socials, raffles, and dress down days.</p> <p>Much more diligence was used to inform parents daily of absences. Powerschool training was also done with all personnel who input absences. Employing half day measures has greatly improved the attendance. Created a homeroom for attendance purposes at the beginning of the day to better track student's attendance.</p>
TMAT will decrease unexcused absences by 10%	met .	TMAT Attendance Data in PowerSchool and EMIS reports	Same as above and reported to Truancy officers. TMAT will continue and improve upon these strategies for 2016.
TMAT will decrease unexcused late arrival/early dismissals by 10%	Met .	Maritime Academy PowerSchool Data.	Afterschool detention for tardy students. More consistent consequences were used including detentions and in school suspension. TMAT will continue and improve upon these strategies for 2016.

2017-2018 Academic Goals

1. 100% of students will advance in their knowledge of Ohio Academic Standards each quarter as evidence by STAR diagnostic system, Study Island benchmarks and state assessments.
2. 80% of students enrolled one year or longer will improve state assessment scores by a minimum of ten points.
3. 85% of students will advance a minimum of 40 SGP (Student Growth Percentile) as evidenced by STAR diagnostic Study Island and state assessments.

2017-2018 School Culture Goals

1. Code of Conduct violations will decrease by 10% as a result of full implementation of the Ranks and Promotions (rank and ribbon pins with related privileges). As a result, the following will ensue:
 - a. Expulsions will decrease by 10%
 - b. Out of School Suspensions will decrease by 10% and be rarely used as a deterrent
 - c. In-school suspensions will decrease by 10%
2. 100% of TMAT staff will plan to support the Welcome Aboard Character Education Plan
3. Staff will incorporate all areas of the Character Education plan in daily lessons throughout the year.
4. Periodic reward activities will be used to manifest a positive culture.

2017-2018 Attendance Goals

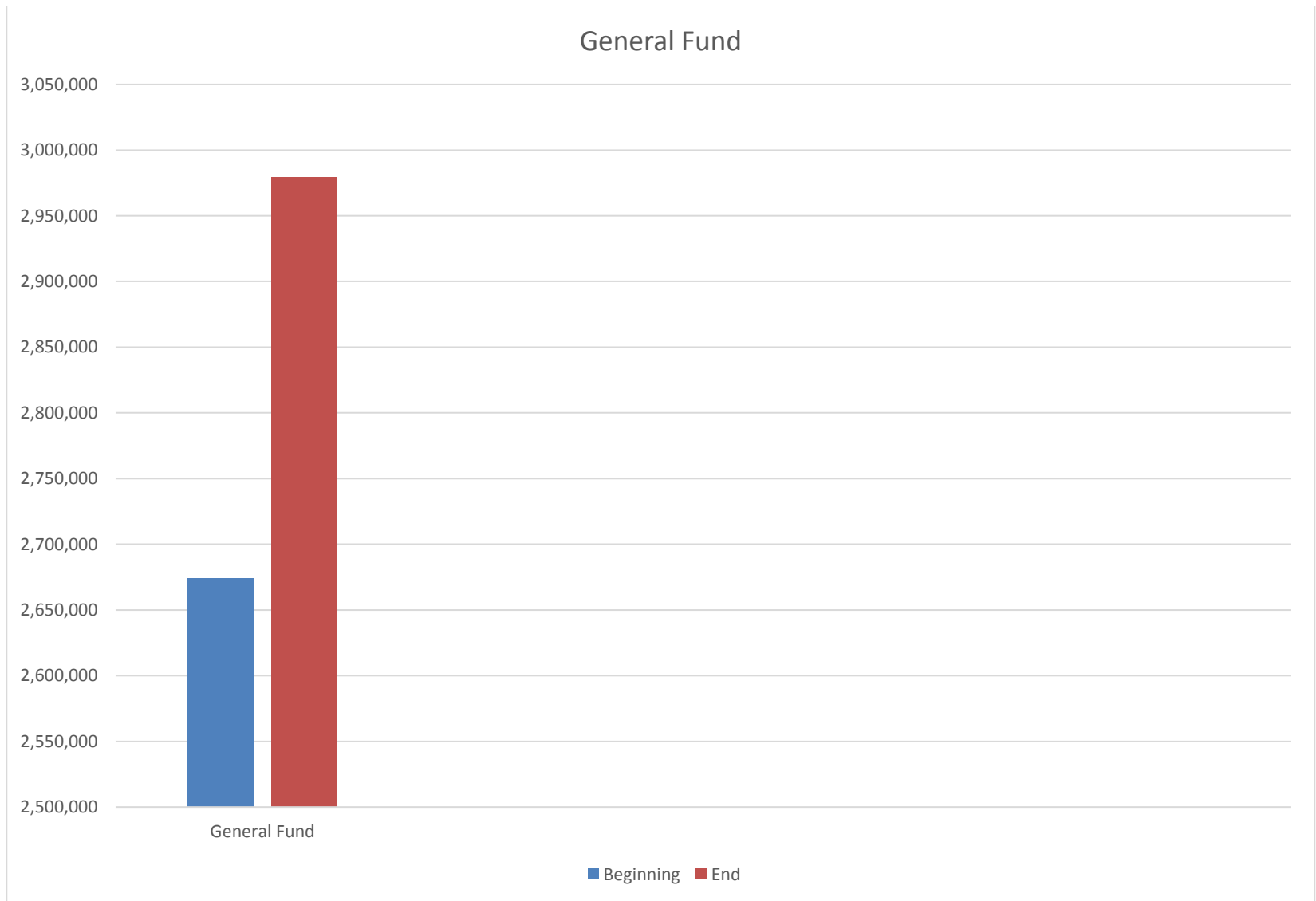
1. TMAT will achieve an Attendance Rate of 90% or greater.
2. TMAT will decrease unexcused absences by 20%
3. TMAT will decrease excused absences by 10%.
4. TMAT will decrease unexcused late arrival/early dismissals by 10%
5. Hospitalized students and students with unique circumstances that prevent them from attending school regularly will be given “alternative placement” education at home or in the hospital.
6. An attendance officer has been hired to meet the demands of HB 410.

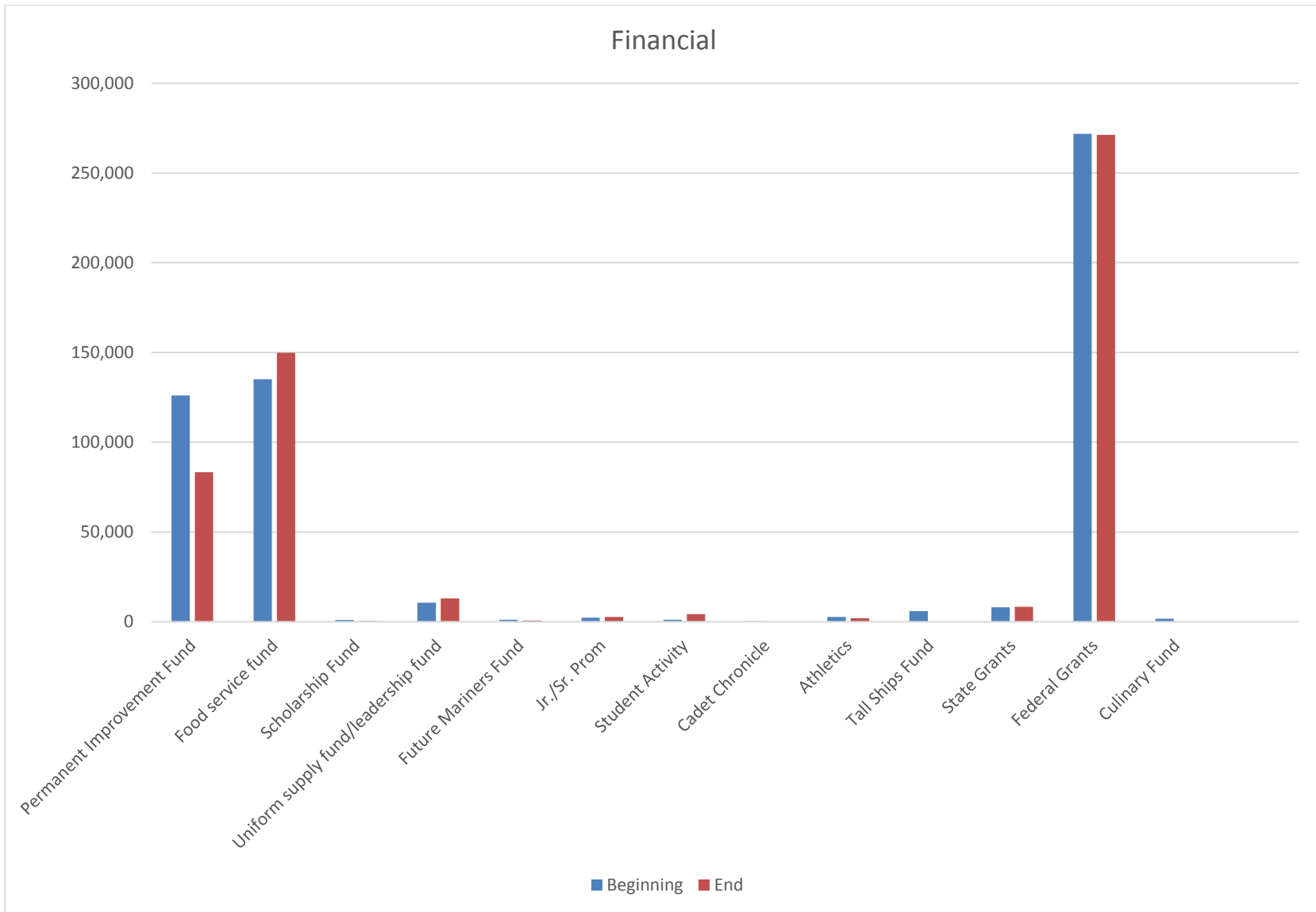
The school’s financial status during the 2017--2018 school year

The Maritime Academy of Toledo began the 2017-2018 academic year with \$ \$849,488 in its General Fund. The Academy ended the 2017-2018 academic year with \$576,240 in its General Fund. TMAT remains fiscally sound at the start of the 2018-2019 academic year.

Enrollment	276
<u>Beginning balance</u>	849,488
<u>Operating Receipts</u>	
General Fund	\$2,674,227
Permanent Improvement Fund	126,000
Food service fund	135,111
Scholarship fund	\$1,000
Uniform supply fund/leadership fund	\$10,631
Future Mariners Fund	1,150
Jr./Sr. Prom	2,221
Student Activity	1185

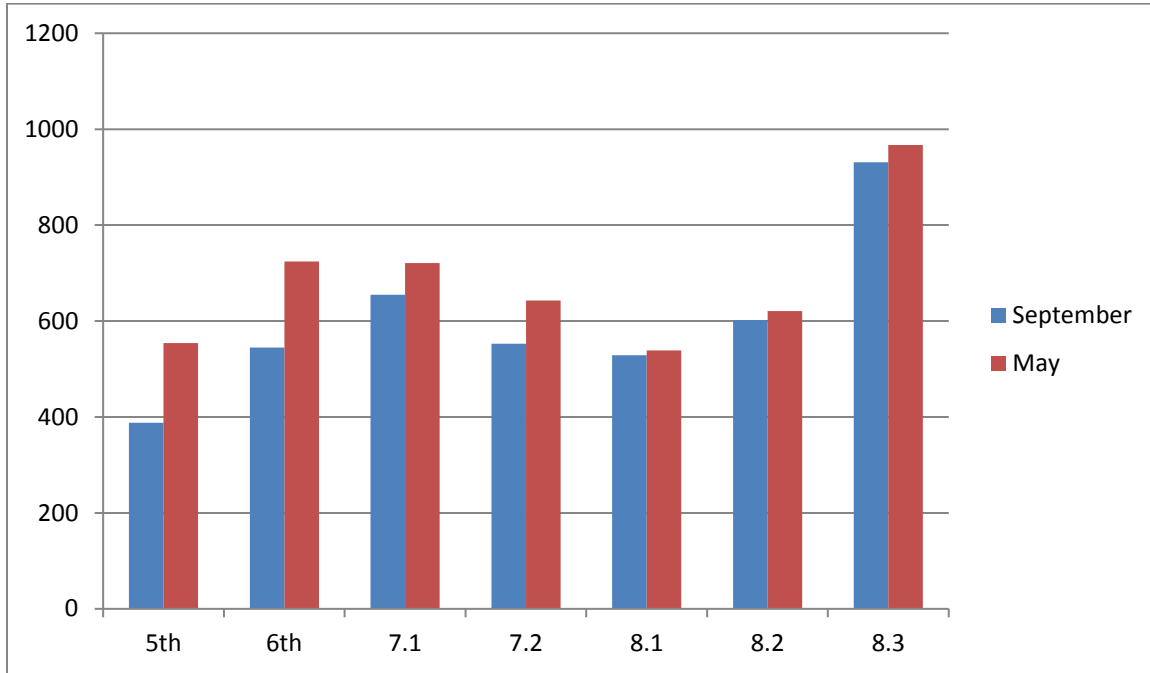
Cadet Chronicle	320
Athletics	2665
Tall Ships Fund	6,000
State Grants	8,000
Federal Grants	271,795
Culinary Fund	1,750
Total Operating Receipts	\$3,242,058
Total Cash Balance	4,091,546
General Fund	2,979,400
Permanent Improvement Fund	83,282
Food service fund	149,865
Scholarship Fund	400
Uniform supply fund/leadership fund	12,958
Future Mariners Fund	697
Jr./Sr. Prom	2,655
Student Activity	4,271
Cadet Chronicle	0
Athletics	2,010
Tall Ships Fund	0
State Grants	8,394
Federal Grants	271,253
Culinary Fund	120
Total Operating Expenditures	3,515,305
Ending Cash Balance	576,240





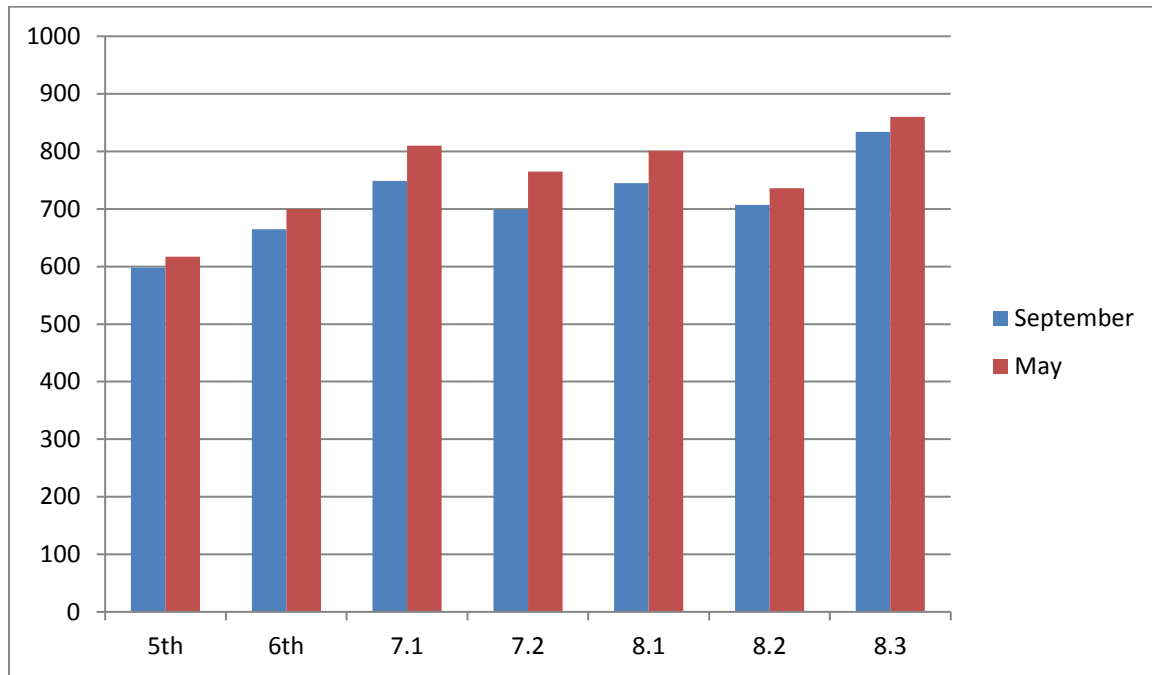
STAR Data (2017-2018)

Scaled Score: Language Arts
(Middle School)



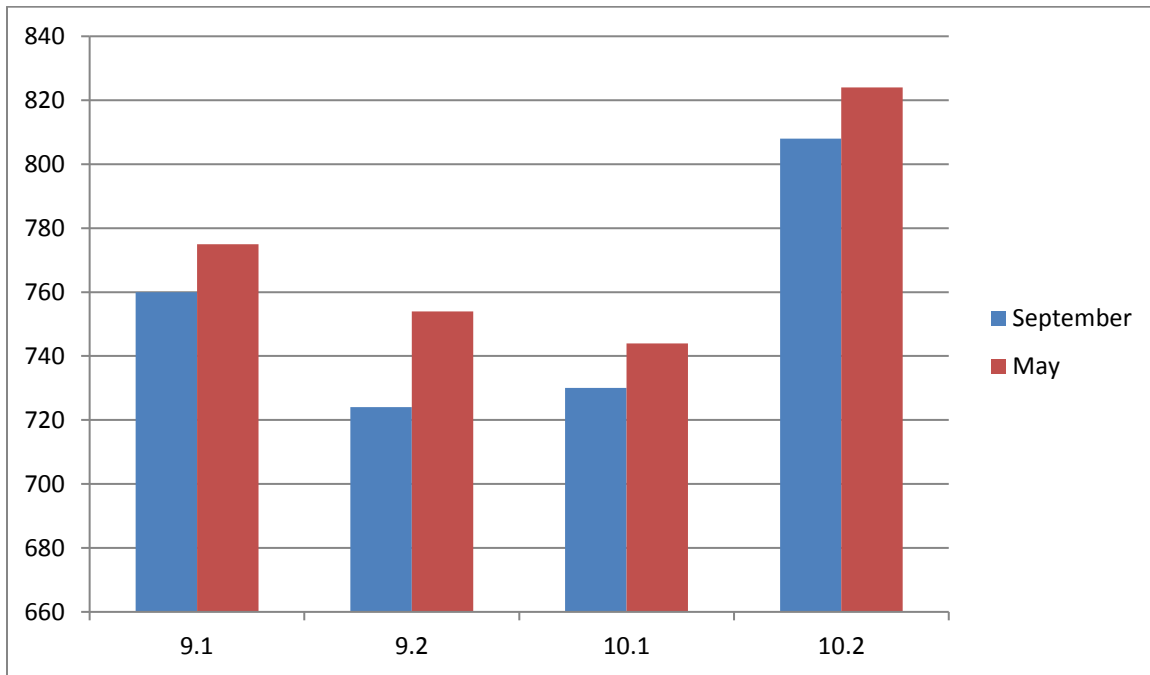
	Sept	May
5	388	554
6	545	724
7.1	655	721
7.2	553	643
8.1	529	539
8.2	602	621
8.3	931	967

Scaled Score: Math
(Middle School)



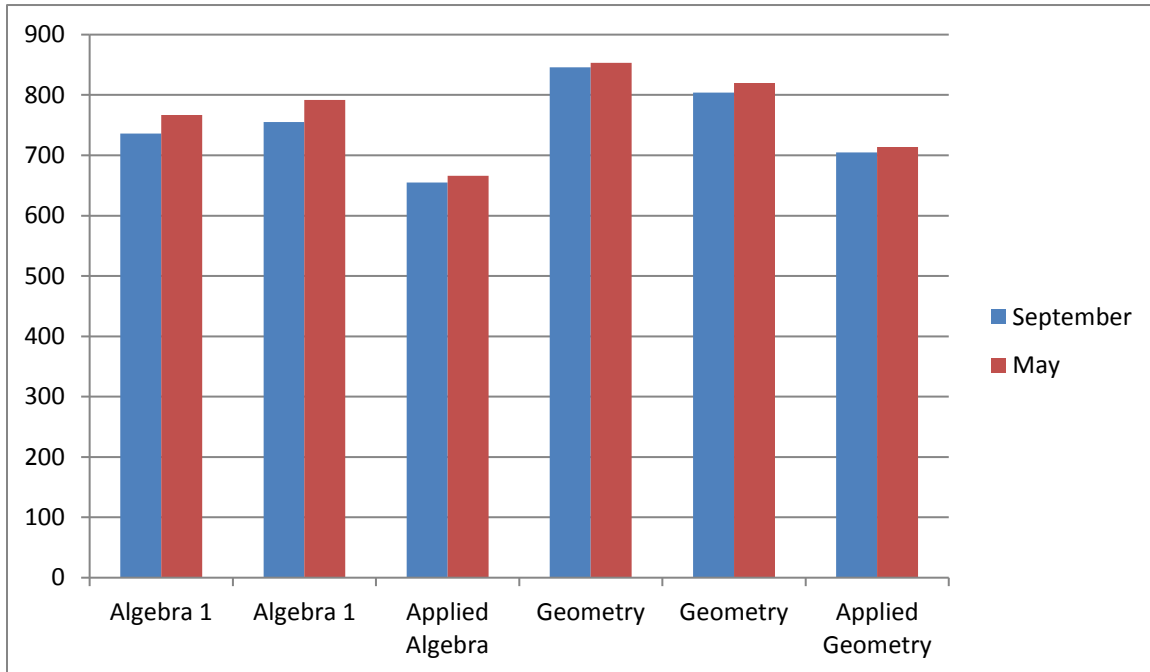
	September	May
5th	598	617
6th	665	700
7.1	749	810
7.2	699	765
8.1	745	801
8.2	707	736
8.3 (Alg. 1)	834	860

Scaled Score Growth: Language Arts (High School)



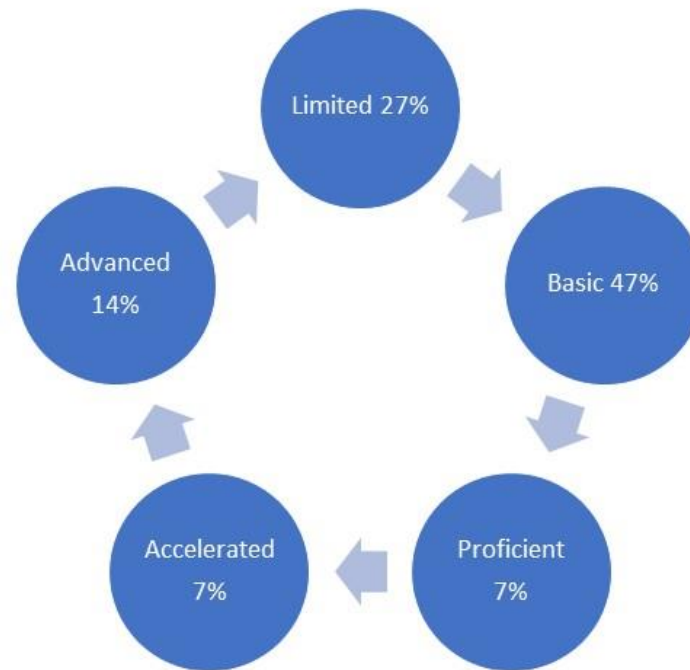
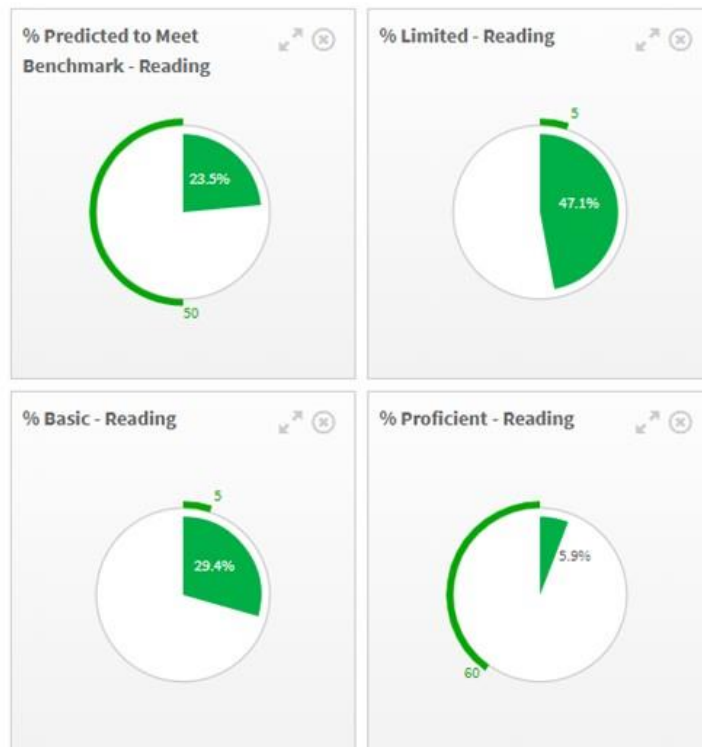
	September	May
9.1	760	775
9.2	724	754
10.1	730	744
10.2	808	824

Scaled Score Growth:
Math (High School)

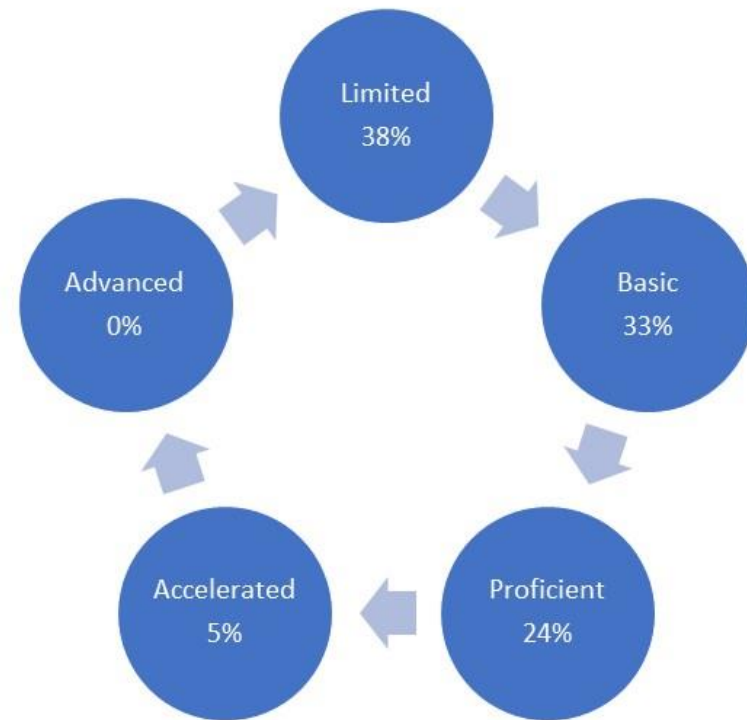


	September	May
Algebra 1	736	767
Algebra 1	755	792
Applied Algebra	655	666
Geometry	846	852
Geometry	804	820
Applied Geometry	705	714

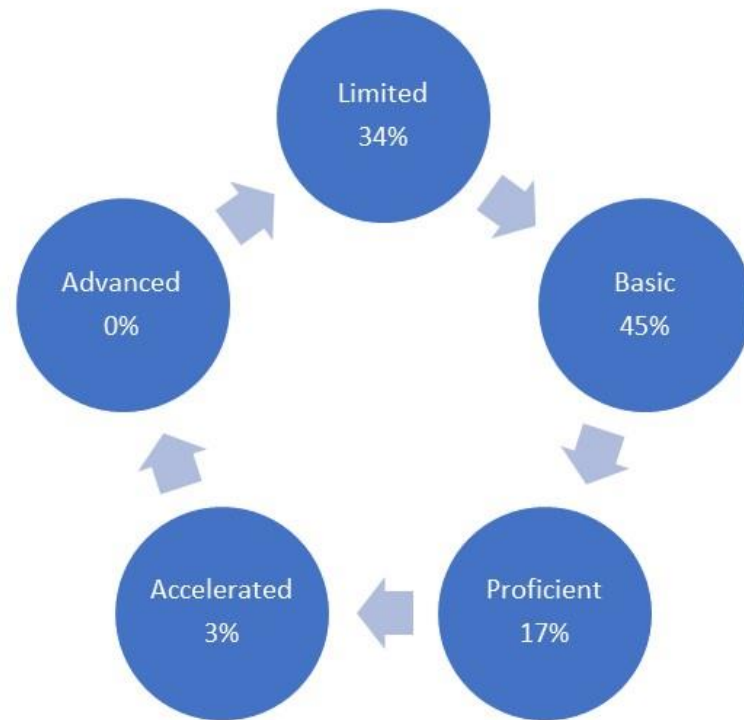
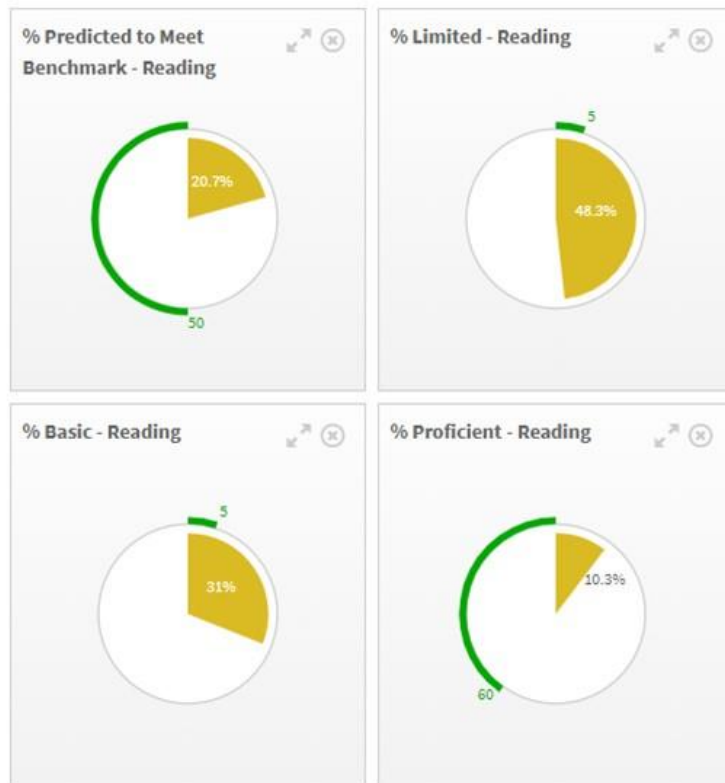
5th Grade ELA STAR V. STATE AIR



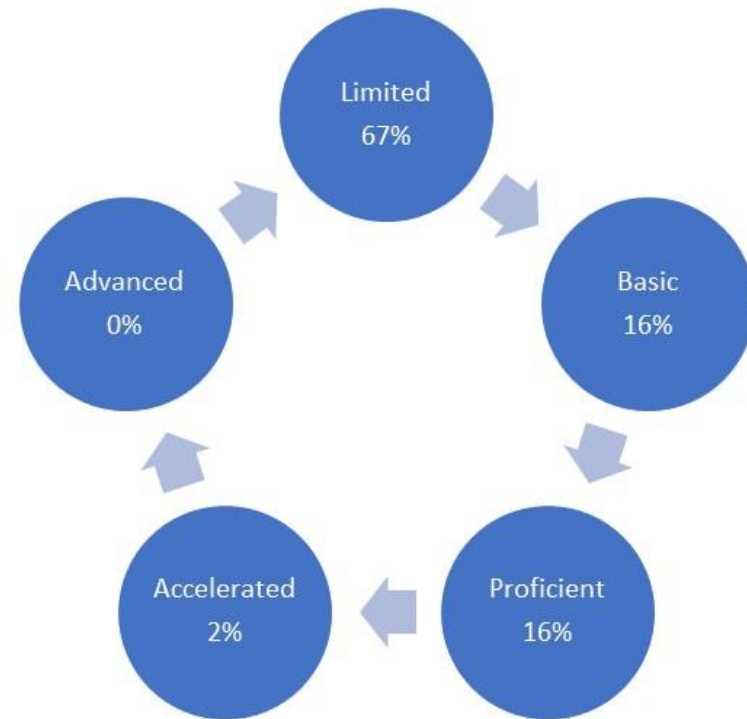
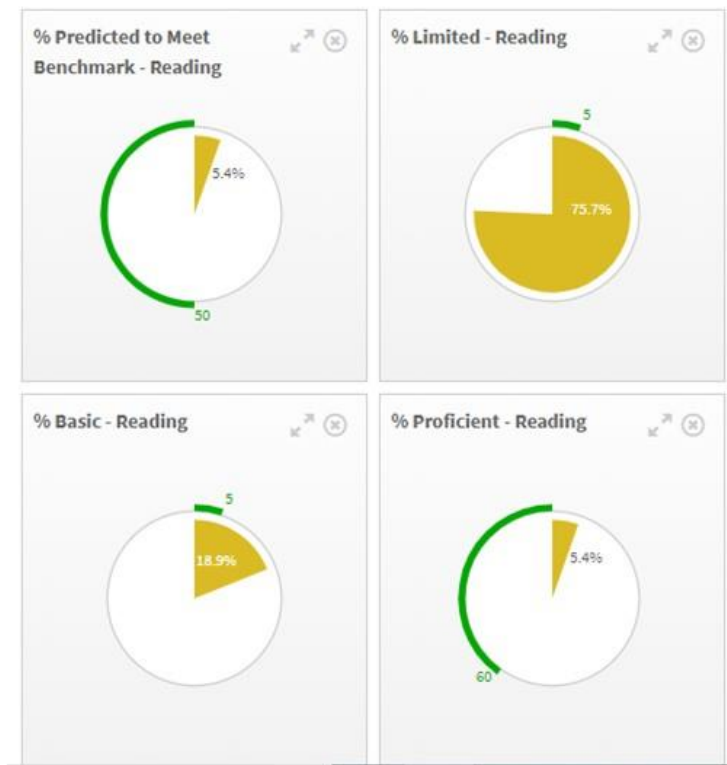
6th Grade ELA STAR V. STATE AIR



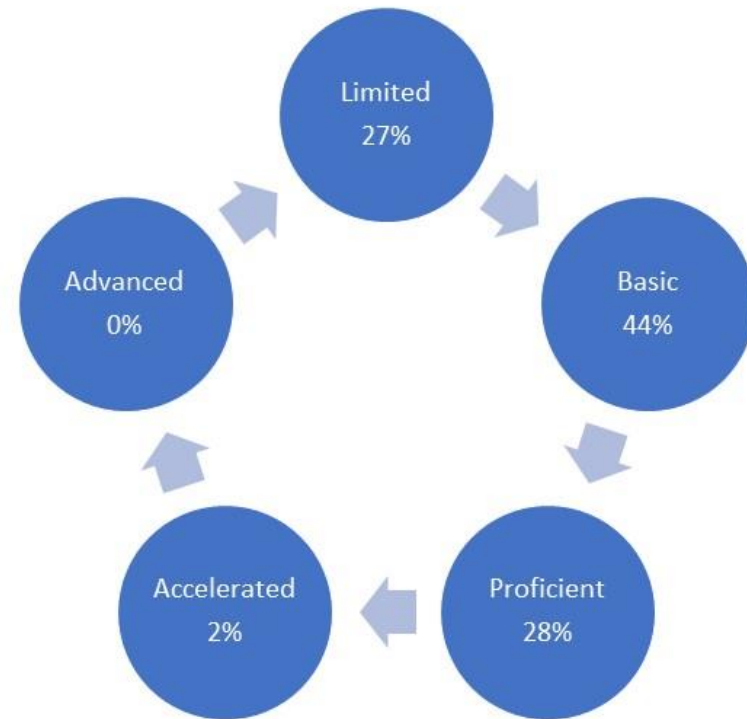
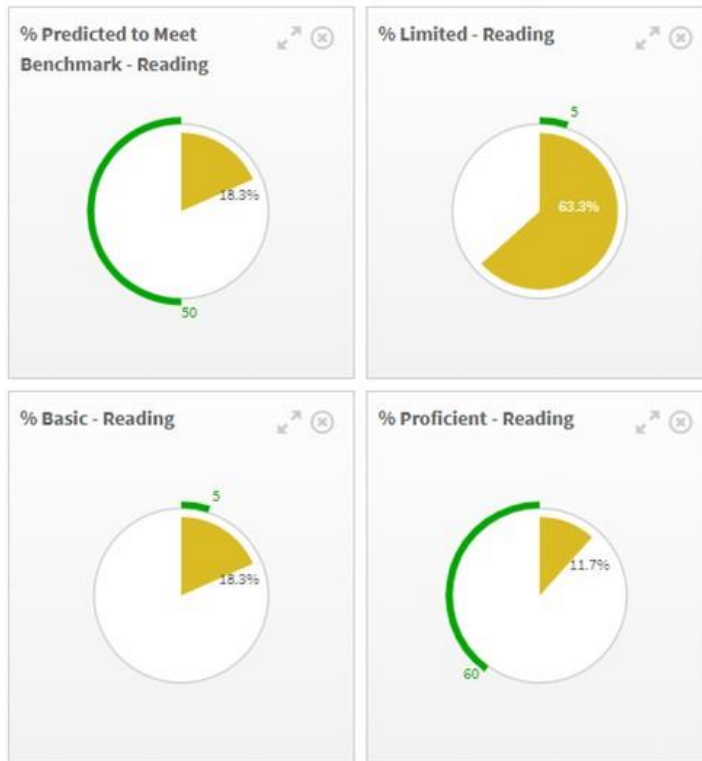
7th Grade ELA STAR V. STATE AIR



8th Grade ELA STAR V. STATE AIR



9th Grade ELA STAR V. STATE AIR



10th Grade ELA STAR V. STATE AIR

