

INTERNAL MONITORING REPORT

POLICY: 4.3 Problem Solver
POLICY CATEGORY: Ends
PERIOD MONITORED: March 13, 2017 – March 26, 2018
BOARD MEETING DATE: March 26, 2018

This is my monitoring report on the Board of Education's Ends policy "Problem Solver." I certify that the information is true and complete. This report will monitor the policy starting at its more detailed provisions and end with the global provision.

The interpretations for this Monitoring Report are reasonable because our curriculums are in the process of being aligned with the Michigan Academic Standards for English Language Arts, Mathematics, Science and Social Studies.

This same high standard of reasonableness is utilized throughout the monitoring report and as a result the interpretations and collected data often reflect the SAT, PSAT and M-STEP assessments. AP exam scores are also used as they are a nationally accepted benchmark of the skill set referenced in Board of Education policy language.



Scott Korpak
Superintendent

Date: March 26, 2018

4.3.1 POLICY LANGUAGE

(a) Analyze a problem; (b) design and develop a solution; (c) implement the solution; (d) evaluate the results.

Interpretation:

I interpret this to mean:

1. The K-12 curriculum utilized by Northview Public Schools must be aligned with the Michigan Academic Standards.
2. Northview High School's average SAT composite score exceeds the state of Michigan.

Data Reported:

1. All K-12 curriculums are preliminarily aligned with the Michigan Academic Standards. All instruction in core classes is tied to the Michigan Academic Standards.
2. SAT - Class of 2016 and 2017

SAT	NHS 2016	NHS 2017	Kent ISD 2016	Kent ISD 2017	State of Mi 2016	State of Mi 2017	Nat'l 2016	Nat'l 2017
ERW - Language Arts	513.4	535.1	518.8	518.6	507.4	509.9	494	533
Math	513.1	537.6	505.2	507.8	493.6	497.6	508	527
Composite	1026	1073	1007	1026	1001	999	1022	1060

Conclusion Statement:

The organization met expectations.

4.3.2 POLICY LANGUAGE

Northview fosters a sense of students embracing problem solving by understanding the problem solving process and trusting its value.

Interpretation:

I interpret this to mean:

1. 80% of students enrolled in AP courses earned a “C” or better during the 2016-17 school year.
2. 200 or more AP exams were taken in 2016-17.
3. 50% of the students taking the exams score a 3 or higher.

This interpretation is reasonable as student satisfaction and perception of rigor is related to an environment that is safe to learn. Also AP courses and AP exams rely heavily upon a strong foundation in the problem solving process. AP exams have a cost/benefit relationship. Students pay to take the exam and scores of 3 or higher result in reduced costs at the higher education level. Increasing the number and percentage of students enrolled in AP courses and taking AP exams is a reasonable indicator that students are not fearful of higher rigor.

Data Reported:

1. **95%** of students earned a “C” or better in their AP courses.

	2012	2013	2014	2015	2016	2017
Number of AP Courses Taken	484	495	487	462	460	484
Percent of students with “C” or better grade	453 93.6%	471 95.1%	447 92%	437 94.6%	381 83%	460 95%

2. **302** AP exams were taken in 2017.

3. **70%** earned a score of 3 or higher.

	2012	2013	2014	2015	2016	2017
# of AP Exams Taken	225	253	213	292	274	302
% of Students Earning a 3 or Higher	63%	56%	61%	63%	66%	70%

Conclusion Statement:

The organization met expectations.

4.3.3 POLICY LANGUAGE

Northview provides students with the environment to apply the principles they have learned in all curricula.

Interpretation:

I interpret the policy wording *to apply the principles* to mean:

1. 95% of graduates earn an endorsed diploma based on criteria established by the Northview Board of Education and the state of Michigan within a four year period of time. At all times, the graduation rate of Northview students will exceed the state of Michigan graduation rate.
2. 95% of 8th grade students have participated in at least one job shadow experience.
3. 95% of graduating seniors have participated in at least one job shadow or college visit experience.

This interpretation is reasonable as multiple opportunities for exploration of careers are available throughout the middle and high school years for a student. Through job shadow experiences students are able to assess whether or not their problem solving skills transfer to real life applications.

Data Reported:

1. In 2017, **95%** of students graduated with an endorsed diploma.

2011 Graduates	2012 Graduates	2013 Graduates	2014 Graduates	2015 Graduates	2016 Graduates	2017 Graduate
98.5%	94%	95%	95.90%	97.49%	94.12%	95%

2. **100%** of 8th grade students in attendance on this day participated in the Career Explorations Day at Crossroads.
3. **100%** of graduating seniors participated in at least one job shadow or college visit experience.

Conclusion Statement:

The organization met expectations.

4.3.3 POLICY LANGUAGE (con't)

Northview provides students with the environment to apply the principles they have learned in all curricula.

Interpretation:

I interpret the policy wording *provides students with the environment* to mean:

1. Our district implements a proactive approach to identifying students' social, emotional, physical, and academic needs and designs coordinated interventions.
2. Our students feel valued, respected and cared for and are motivated to learn.
3. Our school upholds social justice and equity concepts and practices mutual respect for individual differences at all levels of school interactions.
4. Our school sites are structurally sound, well-maintained, accessible and safe.
5. Each student in our schools has access to extracurricular and cocurricular activities that reflect student interests, goals and learning profiles.
6. Every member of our school staff is well-qualified and properly credentialed.
7. Our instructional practices provide opportunities for students to develop critical thinking and reasoning skills, problem-solving competencies, and technology proficiency.

Data Reported:

1. The district provides the following resources and programs to identify and proactively meet student needs:
 - a. Social Workers in all schools
 - b. Kidz Have Rights presentations in grades K-4
 - c. Social Skill Lessons in kindergarten classrooms
 - d. Child Study Teams at each school that review student behavior and academic achievement
 - e. "Data Days" to review student assessment data
 - f. Literacy Interventionists in the elementary schools that support students that are reading below grade level
2. The district provides the following resources to help students feel valued, respected and cared for:
 - a. Watch D.O.G.S. at the elementary schools

- b. Partnerships with Aldersgate and Messiah Lutheran
 - c. Northview Mentors Program
 - d. SEALS - high school students supporting classrooms
 - e. Healthy Relationships class through the YWCA @ East Campus
3. The district upholds social justice and equity concepts through the following programs:
- a. W.A.V.E. (Welcoming Accepting Valuing Everybody) at NHS
 - b. After School Clubs - district sponsored as well as sponsored by outside organizations
 - c. NHS partnership with The Bob and Aleicia Woodrick Center for Equity and Inclusion
4. December 2016 report from Security Education Consultants that identified positive practices currently being done by Northview schools that support continued safety for students, faculty, staff and visitors. Recent successful implementation of the E911 system. Rockford Construction is currently conducting a facilities assessment of our schools. Their report will include recommendations on how we can use Building & Site Sinking Funds to improve the main entrances at the elementary buildings, Northview Highlands and Northview Crossroads.
5. Extracurricular opportunities are plentiful for Northview students and becoming more so because of the continued expansion of our Community Education program.
6. The Registry of Educational Personnel (REP) submitted to the state of Michigan on June 30, 2017, documented that all teachers and principals were credentialed and qualified for their positions.
7. Teachers are encouraged to use the Gradual Release of Responsibility framework for their instructional strategy, and the Danielson Framework for Teaching (FFT) to guide their planning, their classroom environment, their instruction and their professional responsibilities. In addition, the district provides the following resources and programs to encourage student development:
- a. Credit recovery during the school year and over the summer
 - b. Online courses through Michigan Virtual
 - c. Dual enrollment courses in conjunction with local colleges and universities
 - d. Summer school opportunities
 - e. Co-op and work-based learning opportunities
 - f. Recently added AP Computer Science and an introductory computer coding course at NHS

Conclusion Statement:

The organization met expectations.

4.3.4 POLICY LANGUAGE

Northview emphasizes the problem solving methodology of teamwork through collaboration and communication.

Interpretation:

I interpret this to mean:

1. The district has adopted a teaching framework that includes, "...problem solving methodology of teamwork through collaboration and communication."
2. The district has a research-based endorsed instructional process that applies to all students and disciplines.

Data Reported:

1. Northview adopted Danielson's Framework for Teaching (FfT) at the October 10, 2016, Board Meeting. The FfT includes the following Domains and Subdomains, which emphasize collaboration and communication:
 - a. Domain 2: The Classroom Environment
 - i. 2a: Creating an Environment of Respect and Rapport
 - ii. 2b: Establishing a Culture for Learning
 - b. Domain 3: Instruction
 - i. 3b: Using Questioning and Discussion Techniques
 - ii. 3c: Engaging Students in Learning
2. In June of 2017 a Danielson Steering Committee on teacher evaluation was convened. The committee is led by Liz Cotter, Director of People, Organization and Accreditation. The committee is composed of teachers and administrators. The purpose of this committee is to fully implement the Danielson Framework for Teaching (FfT) so that Northview truly has an instructional approach / process that applies to all students and disciplines. This committee meets monthly to review process, professional learning and implementation of the FfT.

Conclusion Statement:

The organization met expectations.