

School Improvement Plan

School Year: 2010

School District: Lake Shore Public Schools (Macomb)

Intermediate School District: Macomb ISD

School Name: North Lake High School

Grades Served: 9,10,11,12

Principal: Mr. Gary Diehl

Building Code: 07687

District Approval of Plan:

Authorized Official Signature and Date

Board of Education Approval of Plan:

Authorized Official Signature and Date

School Improvement Plan

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Introduction

The Michigan Department of Education, Office of Education Improvement and Innovation and Office of Field Services has developed a series of documents and tools that are designed to assist schools in the creation and use of an **Action Portfolio** that will guide and inform the school's Continuous School Improvement Planning Process.

The **Action Portfolio** begins with the **Michigan School Improvement Framework (MSIF)**. The Framework was designed to:

- Provide schools and districts with a comprehensive framework that describes the elements of effective schools.
- Provide schools and districts in our state with a common way of describing the processes and protocols of practice of effective schools.
- Give direction to, support, and enhance the school improvement planning process.

The School Improvement Framework **Rubrics** assess the framework at the benchmark level, and provide a continuum of practice that allows buildings to identify gaps that exist between where they are in their current practice and where they want to be. The rubrics also include the EdYES! Performance Indicators that schools must use for their annual self-assessment.

The **Comprehensive Needs Assessment (CNA)** is another tool that has been developed as a part of the **Action Portfolio**. This process examines building demographics, system processes and protocols of practices, instructional program, and disaggregated student academic achievement data, so that the following questions can be answered:

- Who do we serve?
- How do we do business?
- Where are we now?
- Where do we want to be?
- What and where are the gaps?
- What is/are the root cause(s) for the gaps?
- How will we get to where we want to be?
- How will we evaluate our efforts and progress?

The CNA will help a school align these system challenges with the student achievement goals the school will establish. Ensuring that your systems are aligned with the elements of effective schools, to support your instructional program goals and objectives, is the first step to establishing the continuous school improvement process.

The **School Improvement Plan template (SIP)** has been designed to provide schools and districts with a common planning template that addresses student learning and system needs that have been identified through the schools' Comprehensive Needs Assessment. It has also been designed to address any federal, state and locally required elements that must be contained in a School Improvement Plan.

The School Improvement Framework, Rubrics, CNA, and the School Improvement Planning template were developed as a comprehensive and continuous process that can provide schools and districts with a way to look at and discuss internal systems and assess where the school is, in relationship to these elements of effective schools.

Copies of these documents can be obtained on the web at: www.mi.gov/schoolimprovement

School Information

School:	North Lake High School
District:	Lake Shore Public Schools (Macomb)
Public/Non-Public:	Public
Grades:	9,10,11,12
School Code Number:	07687
City:	SAINT CLAIR SHORES
State/Province:	Michigan
Country:	United States

Vision

Vision Statement

"We recognize potential and cultivate success for the future - one student at a time."

In order to secure our vision and prepare our students for success, North Lake High School, with the support of our parents, staff and community, will:

- Implement a comprehensive adaptation of Michigan Merit Curriculum empower students and teachers to create a positive learning environment that values all individuals
- Provide educational experiences and knowledge to prepare students for world ahead
- Improve student achievement
- Develop positive relationships
- Identify and take action when students are in need of academic assistance
- Foster a sense of school pride
- Create a safe and respectful environment
- Adapt to the availability of new technology and increase the staff and students' ability to utilize it
- Promote opportunities for staff and students to be involved in the decision making process
- Increase productive communication both internally and externally
- Maintain fiscal responsibility

Mission Statement

North Lake High School will provide an education with a learning community tailored to meet individual student needs, support a sense of belonging and development of a positive self-image. Each student acquires the ability, knowledge and character to excel in meeting the challenges and opportunities of a rapidly changing world.

Beliefs Statement

We believe in providing our students with a safe and secure educational community that provides excellence through communication, integrity, and accountability in all aspects of our school.

Goals

ID	Name	Development Status	Progress Status
2602	Social Studies	Approved	Open
5347	English Language Arts	Approved	Open
5378	Mathematics	Approved	Open
5379	Science	Approved	Open

Goal 1: Social Studies

Content Area : Social Studies

Goal Source : Continuous Improvement

Development Status : Approved

Student Goal Statement : All students will demonstrate a 5% improvement in Social Studies skills as identified by Michigan Merit Core Curriculum.

Gap Statement : Based on the review of course data and assessment data, only 59% of students are showing proficiency (based on course grades of B or better) in state aligned curriculum and standards. (52.6% in 2008/09) In 2010, only 19% of 11th grade students are at proficient levels needed for higher education. (44% in 2007, 48% in 2008 and 56% in 2009).

Cause for Gap : Students typically begin attending North Lake High School (NLHS) with an average of 10 credits at the 11th and 12th grade level. NLHS is a credit recovery program and the majority of our students have gaps in their skills and knowledge. Students attending NLHS, have not been successful in their previous educational experiences in traditional settings. Attendance and disciplinary obstacles have had a negative impact on their prior success.

Multiple measures/sources of data you used to identify this gap in student achievement : Legacy report from Sturec

MME scores for Social Studies (Spring 2007, 2008, 2009 & 2010)

Course Grade evaluations and compilation

Informal survey of students

What are the criteria for success and what data or multiple measures of assessment will be used to monitor progress and success of this goal? A 5% increase of students showing proficiency (based on course grades of B or better) in state aligned curriculum and standards by examining the end of the course exams/class grades for each social studies class and scores on the ACT/MME.

Contact Name : Kyle Gerald

List of Objectives:

ID	Objective
5490	There will be a 5% increase in student proficiency in social studies courses.

1.1. Objective: Social Studies Proficiency

Measurable Objective Statement to Support Goal : There will be a 5% increase in student proficiency in social studies courses.

List of Strategies:

ID	Strategy	Locked By
5490	All Social Studies teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.	

1.1.1. Strategy: Improve Classroom Proficiency

Strategy Statement: All Social Studies teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.

Selected Target Areas

SPR (90) III.1.B.4 Collaboration: Staff members are structured into collaborative teams specifically designed to enhance student achievement. All instructional staff have the skill to be effective collaborators and value the contribution that collaboration makes to student success.

Other Required Information for Strategy

What research did you review to support the use of this strategy and action plan?

Various journal articles from Educational Leadership, Principal and Social Studies Journals. In-Services and professional development programs attended during the school year.

List of Activities:

Activity	Begin Date	End Date	Staff Responsible
Social Studies teacher will use course curricula aligned to the Social Studies Michigan Merit Core and HSCEs in lesson planning	09/07/2010	06/10/2011	Kyle Geraldts and the Curriculum Director
Key concepts and skills relating the MMC will be addressed in lesson.	09/07/2010	06/10/2011	Kyle Geraldts and the Curriculum Director
ACT/MME style questions and strategies will be taught.	09/07/2010	06/10/2011	Kyle Geraldts and the Curriculum Director
Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.	09/10/2010	06/10/2011	Curriculum director, Gary Diehl and Kyle Geraldts
Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.	09/07/2010	06/10/2011	Kyle Geraldts and the Curriculum Director
Use of E2020 for credit recovery	09/07/2010	06/10/2011	Academic Advisor
Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.	09/07/2010	06/10/2011	Kyle Geraldts

1.1.1.1. Activity: Michigan Merit Core

Activity Description: Social Studies teacher will use course curricula aligned to the Social Studies Michigan Merit Core and HSCEs in lesson planning

Activity Type: None

Planned staff responsible for implementing activity: Kyle Geraldts and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Social Studies Documents	No Funds Required	0.00	0.00

1.1.1.2. Activity: Key Concepts

Activity Description: Key concepts and skills relating the MMC will be addressed in lesson.

Activity Type: None

Planned staff responsible for implementing activity: Kyle Gerald and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Social Studies Documents	No Funds Required	0.00	0.00

1.1.1.3. Activity: ACT/MME

Activity Description: ACT/MME style questions and strategies will be taught.

Activity Type: None

Planned staff responsible for implementing activity: Kyle Gerald and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
ACT/ MME study guides and resources	No Funds Required	0.00	0.00

1.1.1.4. Activity: Professional Development

Activity Description: Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.

Activity Type: None

Planned staff responsible for implementing activity: Curriculum director, Gary Diehl and Kyle Gerald

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/10/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MISD and independent agencies	General Funds	1,125.00	0.00

1.1.1.5. Activity: Teaching Methods

Activity Description: Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.

Activity Type: None

Planned staff responsible for implementing activity: Kyle Gerald and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Course Documents	No Funds Required	0.00	0.00

1.1.1.6. Activity: E2020

Activity Description: Use of E2020 for credit recovery

Activity Type: None

Planned staff responsible for implementing activity: Academic Advisor

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Education 2020 program	District At-Risk	9,125.00	0.00

1.1.1.7. Activity: Use of Technology in the Classroom

Activity Description: Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.

Activity Type: None

Planned staff responsible for implementing activity: Kyle Gerald

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Technology - School Wide	Lake Shore Foundation for Education Excellence	375.00	0.00

Goal 2: English Language Arts

Content Area : English Language Arts

Goal Source : cna

Development Status : Approved

Student Goal Statement : All students will demonstrate a 5% improvement in English Language Arts skills as identified by the Michigan Merit Core Curriculum with focus on reading and writing.

Gap Statement : Based on the review of course data and assessment data, only 29% of students are showing proficiency (based on 2009/10 course grades B or better) in state aligned curriculum and standards (26.6% in 2008/09). Less than 35% of 11th grade students are performing at proficient levels needed for higher education in English, reading and writing. In 2010, 13% of 11th grade students scored at proficient levels in the total MME ELA portion. (30% in 2007, 8% in 2008 and 33% in 2009) In 2010, 6% of 11th grade students scored at proficient levels in the MME writing portion (0% in 2007, 8% in 2008 and 21% in 2009) and 19% in the MME reading portion (31% in 2007, 21% in 2008 and 44% in 2009) In 2010, only 7% of students have reached the ACT College Readiness Standard for English, 7% for reading and less than 10% for writing. (in 2009, 28% for English, 17% for reading and 10% for writing)

Cause for Gap : Students typically begin attending North Lake High School (NLHS) with an average of 10 credits at the 11th and 12th grade level. NLHS is a credit recovery program and the majority of our students have gaps in their skills and knowledge. Students attending NLHS, have not been successful in their previous educational experiences in traditional settings. Attendance and disciplinary obstacles have had a negative impact on their prior success.

Multiple measures/sources of data you used to identify this gap in student achievement : Legacy report from Sturec
 ACT/MME scores for English, Reading and Writing (2007, 2008, 2009 & 2010)
 Course Grade evaluations and compilation
 Informal survey of students

What are the criteria for success and what data or multiple measures of assessment will be used to monitor progress and success of this goal? A 5% increase of students showing proficiency (based on course grades of B or better) in state aligned curriculum and standards by examining the end of the course exams/class grades for each English Language Arts class and scores on the ACT/MME.

Contact Name : Suzanne Karwowski

List of Objectives:

ID	Objective
5793	There will be a 5% increase in student proficiency in ELA courses.

SPR (90) Challenges : None

2.1. Objective: English Language Arts Proficiency

Measurable Objective Statement to Support Goal : There will be a 5% increase in student proficiency in

ELA courses.

List of Strategies:

ID	Strategy	Locked By
5793	All English teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.	

2.1.1. Strategy: Improve Student Proficiency

Strategy Statement: All English teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.

Selected Target Areas

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Other Required Information for Strategy

What research did you review to support the use of this strategy and action plan?

Various journal articles from Educational Leadership, Principal and Social Studies Journals. In-Services and professional development programs attended during the school year.

List of Activities:

Activity	Begin Date	End Date	Staff Responsible
English teachers will use course curricula aligned to the ELA Michigan Merit Core and HSCEs in lesson planning	09/07/2010	06/10/2011	Suzanne Karwowski and the Curriculum Director
Key concepts and skills will be addressed in lesson with focus on reading and writing	09/07/2010	06/10/2011	Suzanne Karwowski and the Curriculum Director
ACT/MME style questions and strategies will be taught	09/07/2010	06/10/2011	Suzanne Karwowski and Curriculum Director
Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.	09/07/2010	06/10/2011	Curriculum director, Gary Diehl and Suzanne Karwowski
Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.	09/07/2010	06/10/2011	Suzanne Karwowski and the Curriculum

			Director
Use of E2020 for credit recovery	09/07/2010	06/10/2011	Academic Advisor
Teacher will use reading strategies.	09/07/2010	06/10/2011	Suzanne Karwowski and the Curriculum Director
Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.	09/07/2010	06/10/2011	Suzanne Karwowski

2.1.1.1. Activity: Michigan Merit Core

Activity Description: English teachers will use course curricula aligned to the ELA Michigan Merit Core and HSCEs in lesson planning

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC ELA 9, 10, 11,	No Funds Required	0.00	0.00

2.1.1.2. Activity: Key Concepts

Activity Description: Key concepts and skills will be addressed in lesson with focus on reading and writing

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC ELA 9, 10, 11,	No Funds Required	0.00	0.00

2.1.1.3. Activity: ACT/MME

Activity Description: ACT/MME style questions and strategies will be taught

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski and Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
ACT/ MME study guides and resources	No Funds Required	0.00	0.00

2.1.1.4. Activity: Professional Development

Activity Description: Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.

Activity Type: None

Planned staff responsible for implementing activity: Curriculum director, Gary Diehl and Suzanne Karwowski

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MISD and Independent Agencies	General Funds	1,125.00	0.00

2.1.1.5. Activity: Teaching Methods

Activity Description: Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Course documents	No Funds Required	0.00	0.00

2.1.1.6. Activity: E2020

Activity Description: Use of E2020 for credit recovery

Activity Type: None

Planned staff responsible for implementing activity: Academic Advisor

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Education 2020 Program	District At-Risk	9,125.00	0.00

2.1.1.7. Activity: Reading

Activity Description: Teacher will use reading strategies.

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Course Documents	No Funds Required	0.00	0.00

2.1.1.8. Activity: Use of Technology in the Classroom

Activity Description: Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.

Activity Type: None

Planned staff responsible for implementing activity: Suzanne Karwowski

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Technology - School Wide	Lake Shore Foundation for Education Excellence	375.00	0.00

Goal 3: Mathematics

Content Area : Math

Goal Source : cna

Development Status : Approved

Student Goal Statement : All students will demonstrate a 5% improvement in mathematics skills as identified by the Michigan Merit Core Curriculum.

Gap Statement : Based on the review of course data and assessment data, only 26% of students are showing proficiency (based on course grades of B or better) in state aligned curriculum and standards. (37.5% in 2009) In 2010, 6% of 11th grade students are performing at proficient levels in the MME Mathematics. (6% in 2007, 13% in 2008 and 6% in 2009) For the past four years, students have not reached the ACT College Readiness Standard.

Cause for Gap : Students typically begin attending North Lake High School (NLHS) with an average of 10 credits at the 11th and 12th grade level. NLHS is a credit recovery program and the majority of our students have gaps in their skills and knowledge. Students attending NLHS, have not been successful in their previous educational experiences in traditional settings. Attendance and disciplinary obstacles have had a negative impact on their prior success.

Multiple measures/sources of data you used to identify this gap in student achievement : Legacy report from Sturec

ACT/MME scores for Mathematics (2007, 2008, 2009 & 2010)

Course Grade evaluations and compilation

Informal student surveys

What are the criteria for success and what data or multiple measures of assessment will be used to monitor progress and success of this goal? A 5% increase of students showing proficiency (based on course grades of B or better) in state aligned curriculum and standards by examining the end of the course exams/class grades for each Mathematics class and scores on the ACT/MME.

Contact Name : Lauren Osminski

List of Objectives:

ID	Objective
5794	There will be a 5% increase in student proficiency in Mathematics courses.

SPR (90) Challenges : None

3.1. Objective: Mathematics Proficiency

Measurable Objective Statement to Support Goal : There will be a 5% increase in student proficiency in Mathematics courses.

List of Strategies:

ID	Strategy	Locked By
5794	All Math teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.	

3.1.1. Strategy: Improve Student Proficiency

Strategy Statement: All Math teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.

Selected Target Areas

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Other Required Information for Strategy

What research did you review to support the use of this strategy and action plan?

Various journal articles from Educational Leadership, Principal and Mathematics Journals. In-Services and professional development programs attended during the school year.

List of Activities:

Activity	Begin Date	End Date	Staff Responsible
Math teacher will use course curricula aligned to the Mathematics Michigan Merit Core and HSCEs in lesson planning	09/07/2010	06/10/2011	Lauren Osminski and the Curriculum Director
Key concepts and skills in Mathematics will be addressed in lesson.	09/07/2010	06/10/2011	Lauren Osminski and the Curriculum Director
ACT/MME style questions and strategies will be taught.	09/07/2010	06/10/2011	Lauren Osminski and the Curriculum Director

Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.	09/07/2010	06/10/2011	Curriculum director, Gary Diehl and Math teacher
Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.	09/07/2010	06/10/2011	Lauren Osminski and the Curriculum Director
Use of E2020 for credit recovery.	09/07/2010	06/10/2011	Academic Advisor
Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.	09/07/2010	06/10/2011	Lauren Osminski

3.1.1.1. Activity: Michigan Merit Core

Activity Description: Math teacher will use course curricula aligned to the Mathematics Michigan Merit Core and HSCEs in lesson planning

Activity Type: None

Planned staff responsible for implementing activity: Lauren Osminski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Mathematics Documents	No Funds Required	0.00	0.00

3.1.1.2. Activity: Key Concepts

Activity Description: Key concepts and skills in Mathematics will be addressed in lesson.

Activity Type: None

Planned staff responsible for implementing activity: Lauren Osminski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Mathematics Documents	No Funds Required	0.00	0.00

3.1.1.3. Activity: ACT/MME

Activity Description: ACT/MME style questions and strategies will be taught.

Activity Type: None

Planned staff responsible for implementing activity: Lauren Osminski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
ACT/ MME study guides and resources	No Funds Required	0.00	0.00

3.1.1.4. Activity: Professional Development

Activity Description: Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.

Activity Type: None

Planned staff responsible for implementing activity: Curriculum director, Gary Diehl and Math teacher

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MISD and Independent Agencies	General Funds	1,125.00	0.00

3.1.1.5. Activity: Teaching Methods

Activity Description: Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc.

Activity Type: None

Planned staff responsible for implementing activity: Lauren Osminski and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Course Documents	No Funds Required	0.00	0.00

3.1.1.6. Activity: E2020

Activity Description: Use of E2020 for credit recovery.

Activity Type: None

Planned staff responsible for implementing activity: Academic Advisor

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Education 2020 Program	District At-Risk	9,125.00	0.00

3.1.1.7. Activity: Use of Technology in the Classroom

Activity Description: Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.

Activity Type: None

Planned staff responsible for implementing activity: Lauren Osminski

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Technology - School Wide	Lake Shore Foundation for Education Excellence	375.00	0.00

Goal 4: Science

Content Area : Science

Goal Source : cna

Development Status : Approved

Student Goal Statement : All students will demonstrate a 5% improvement in Science skills as identified by the Michigan Merit Core Curriculum.

Gap Statement : Based on the review of course data and assessment data, only 22% of students are showing proficiency (based on 2009-10 course grades of B or better) in state aligned curriculum and standards. (30.8% in 2008/09) In 2010, 13% of 11th grade students are performing at proficient levels in MME Science. (6% in 2007, 17% in 2008 and 11% in 2009) For the past four years, students have not reached the ACT College Readiness Standard.

Cause for Gap : Students typically begin attending North Lake High School (NLHS) with an average of 10 credits at the 11th and 12th grade level. NLHS is a credit recovery program and the majority of our students have gaps in their skills and knowledge. Students attending NLHS, have not been successful in their previous

educational experiences in traditional settings. Attendance and disciplinary obstacles have had a negative impact on their prior success.

Multiple measures/sources of data you used to identify this gap in student achievement : Legacy report from Sturec

ACT/MME scores for Science (2007, 2008, 2009 & 2010)

Course Grade evaluations and compilation

Informal student surveys

What are the criteria for success and what data or multiple measures of assessment will be used to monitor progress and success of this goal? A 5% increase of students showing proficiency (based on course grades of B or better) in state aligned curriculum and standards by examining the end of the course exams/class grades for each Science class and scores on the ACT/MME.

Contact Name : Candice Lark

List of Objectives:

ID	Objective
5796	There will be a 5% increase in student proficiency in Science courses.

SPR (90) Challenges : None

4.1. Objective: Science Proficiency

Measurable Objective Statement to Support Goal : There will be a 5% increase in student proficiency in Science courses.

List of Strategies:

ID	Strategy	Locked By
5796	All Science teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.	

4.1.1. Strategy: Improve Student Proficiency

Strategy Statement: All Science teachers will use Michigan Merit Core curriculum with a focus on key concepts. They will differentiate learning strategies to increase subject comprehension and retention. They will explore and use various best practices that work with the At-Risk population.

Selected Target Areas

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Other Required Information for Strategy

What research did you review to support the use of this strategy and action plan?

Various journal articles from Educational Leadership, Principal and Science Journals. In-Services and professional development programs attended during the school year.

List of Activities:

Activity	Begin Date	End Date	Staff Responsible
Science teacher will use course curricula aligned to the Science Michigan Merit Core and HSCEs in lesson planning	09/07/2010	06/10/2011	Candice Lark and the Curriculum Director
Key concepts and skills in Science will be addressed in lesson.	09/07/2010	06/10/2011	Candice Lark and the Curriculum Director
ACT/MME style questions and strategies will be taught	09/07/2010	06/10/2011	Candice Lark and the Curriculum Director
Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.	09/07/2010	06/10/2011	Curriculum director, Gary Diehl and Science teacher
Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc?	09/07/2010	06/10/2011	Candice Lark and the Curriculum Director
Use of E2020 for credit recovery.	09/07/2010	06/10/2011	Academic Advisor
Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.	09/07/2010	06/10/2011	Candice Lark

4.1.1.1. Activity: Michigan Merit Core

Activity Description: Science teacher will use course curricula aligned to the Science Michigan Merit Core and HSCEs in lesson planning

Activity Type: None

Planned staff responsible for implementing activity: Candice Lark and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Science Documents	No Funds Required	0.00	0.00

4.1.1.2. Activity: Key Concepts

Activity Description: Key concepts and skills in Science will be addressed in lesson.

Activity Type: None

Planned staff responsible for implementing activity: Candice Lark and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MMC Science Documents	No Funds Required	0.00	0.00

4.1.1.3. Activity: ACT/MME

Activity Description: ACT/MME style questions and strategies will be taught

Activity Type: None

Planned staff responsible for implementing activity: Candice Lark and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
ACT/ MME study guides and resources	No Funds Required	0.00	0.00

4.1.1.4. Activity: Professional Development

Activity Description: Professional development will be provided in district, through the MISD and independent agencies including "The New Teacher Academy". Professional Development will focus on teaching strategies and tools to increase student achievement.

Activity Type: None

Planned staff responsible for implementing activity: Curriculum director, Gary Diehl and Science teacher

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
MISD and Independent Agencies	General Funds	1,125.00	0.00

4.1.1.5. Activity: Teaching Methods

Activity Description: Teacher will use a variety of teaching methods including differentiated instruction, collaborative learning, etc?

Activity Type: None

Planned staff responsible for implementing activity: Candice Lark and the Curriculum Director

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Course Documents	No Funds Required	0.00	0.00

4.1.1.6. Activity: E2020

Activity Description: Use of E2020 for credit recovery.

Activity Type: None

Planned staff responsible for implementing activity: Academic Advisor

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Education 2020 Program	District At-Risk	9,125.00	0.00

4.1.1.7. Activity: Use of Technology in the Classroom

Activity Description: Teacher will use Power School for attendance and grades/grade book. Teacher will be able to use computers with access to multimedia presentation carts and three computer labs. Teacher will utilize e-mail to communicate with parent and student about concerns.

Activity Type: None

Planned staff responsible for implementing activity: Candice Lark

Actual staff responsible for implementing activity:

Planned Timeline: Begin Date - 09/07/2010, End Date - 06/10/2011

Actual Timeline: Begin Date - N/A, End Date - N/A

Fiscal Resources Needed for Activity:

Resource	Funding Source	Planned Amount	Actual Amount
Technology - School Wide	Lake Shore Foundation for Education Excellence	375.00	0.00

Resource Profile

Funding Source	Planned Amount	Actual Amount
General Funds	\$4,500.00	\$0.00
No Funds Required	\$0.00	\$0.00
Other	\$36,500.00	\$0.00
Other	\$1,500.00	\$0.00

Stakeholders

List of names, positions and e-mail addresses of the stakeholders (staff, parents, community/business members and, as appropriate, students) who were involved in the planning, design, monitoring, and evaluation of this plan.

Title	First Name	Last Name	Position	E-mail
Ms.	Helen	Buyse	Social Worker	hbuyse@lsps.org
Ms.	Robin	Dennis	Data Manager	rdennis@lsps.org
Mr.	Robert	Goralczyk	Principal	rgoralczyk@lsps.org
Ms.	Lori	Wenzlaff	Office Staff	lwenzlaff@lsps.org
Ms.	Diane	Dymczyk	Academic Advisor	ddymczyk@lsps.org
Mr.	Dwight	Clyne	Fine ArtsTeacher	dclyne@lsps.org
Ms.	Suzanne	Karwowski	Eng/Lang ArtsTeacher	skarwowski@lsps.org
Ms.	Candice	Lark	Science Teacher	@lsps.org
Mr.	Chris	Loria	Superintendent	cloria@lsps.org
Ms.	Tesha	Thomas	Curriculum Director	tthomas@lsps.org
Ms.	Becky	Whitfield	Adult Education Director	bwhitfield@lsps.org
Mr.	Kyle	Geralds	Social Studies Teacher	kgeralds@lsps.org
Ms.	Lauren	Osminski	MathematicsTeacher	losminski@lsps.org
Ms.	Fran	Hubert	Technology Director	fhubert@lsps.org
Ms.	Jessica	Turner	Computer Learning Teacher	jturner@lsps.org

1. Describe how all stakeholders are involved in the planning, design, monitoring and evaluation of this institution improvement plan.

Helen Buyse is the full time Social Worker for North Lake High School. Ms. Buyse maintains daily interaction with all students and works to ensure that each student has the resources to be successful in their education endeavors. Ms. Buyse is the community liaison, establishing relationships with the Macomb County Health department, CARE, and other agencies that have resources designed to help North Lake High School students.

Robin Dennis maintains the enrollment information on all students on a daily basis. This includes academic achievement, demographics, attendance, and other educational information.

Robert Goralczyk oversees the development of the school improvement plan and school operations including the delivery of courses that incorporate all aspects of the Michigan Merit secondary curriculum, the creation of lesson plans that utilize the Michigan Merit Curriculum and ACT/MME on a daily basis. Mr. Goralczyk reviews all lesson plans submitted by teachers on a weekly basis. Mr. Goralczyk facilitates and participates in the two school open houses, marking period conferences, and meets with or calls the families of students who need assistance. Mr. Goralczyk participates in the weekly meetings held at the school.

Lori Wenzlaff handles all incoming information from the families of students on a daily basis. This includes absence reporting, emergencies, and other education information as needed.

Diane Dymczyk works with students to create academic plans designed to assist students in the successful completion of the high school program and graduation. Ms. Dymczyk participates in the weekly meetings where curriculum use, effective teaching strategies, student concerns, and other issues are discussed in a round table format. Ms. Dymczyk participates in the school open houses, conferences, and meets with or calls the families of students who need assistance. Ms. Dymczyk participates in the weekly meetings held at the school. Ms. Dymczyk helps individuals prepare for the taking of the GED test which she oversees.

Dwight Clyne teaches Fine Arts courses at the school that are designed using the Michigan Merit Curriculum. Mr. Clyne participates in the school open houses, conferences, meets with or calls the families of students who need assistance. Mr. Clyne participates in the weekly meetings where curriculum use, effective teaching strategies, student concerns, and other issues are discussed in a round table format.

Suzanne Karwowski teaches English / Language Arts courses at the school that are designed using the Michigan Merit Curriculum. Ms. Karwowski has generated North Lake High School Staff handbooks that contain information regarding the Michigan Merit Curriculum guidelines for use in developing courses, staff professional development, and school improvement. Ms. Karwowski has earned 6 credits in reading and reading strategies.

Ms. Karwowski participates in the school open houses, conferences, meets with or calls the families of students who need assistance. Ms. Karwowski participates in the weekly meetings where curriculum use, effective teaching strategies, student concerns, and other issues are discussed in a round table format.

Candice Lark teaches Science courses at the school that are designed using the Michigan Merit Curriculum. Ms. Lark has developed syllabi for each of the courses she teaches along with weekly lesson plans that reinforce the use of the Michigan Merit Curriculum and the ACT / MME. Ms. Lark participates in the school open houses, conferences, meets with or calls the families of students who need assistance.

Lauren Osminski teaches mathematics courses at the school that are designed using the Michigan Merit Curriculum. Ms. Osminski has developed syllabi for each of the courses they teach along with weekly lesson plans that reinforce the use of the Michigan Merit Curriculum and the ACT / MME. This individual participates in the school open houses, conferences, meets with or calls the families of students who need assistance.

Kyle Gerald teaches Social Studies courses at the school that are designed using the Michigan Merit Curriculum. Mr. Gerald has developed syllabi for each of the courses he teaches along with weekly lesson plans that reinforce the use of the Michigan Merit Curriculum and the ACT / MME. Mr. Gerald participates in the school open houses, conferences, meets with or calls the families of students who need assistance.

Jessica Turner facilitates the Education 2020 online credit recovery program. The online courses are designed using the High School Content Expectations. Mrs. Turner attends school open houses, conferences and meets with or calls families of students who need assistance. Mrs. Turner participates in the weekly school staff meetings where curriculum use, effective teaching strategies, student concerns, and other issues are discussed in a round table format.

Chris Loria provides North Lake High School support at the district level. Mr. Loria interacts with North Lake High School staff and students on a regular basis. North Lake High School administrators regularly attend district wide meetings with other administrators to assess the needs of North Lake High School in relationship to the Lake Shore School District.

Tesha Thomas provides the administrators and staff at North Lake High School with information regarding the Michigan Merit Curriculum, ACT/MME, and other Michigan Department of Education requirements.

Becky Whitfield oversees the budgeting aspects of North Lake High School. Ms. Whitfield provides monetary assistance in the areas of professional development, curriculum support, and technology.

Fran Hubert provides North Lake High School with a variety technological resources that help students achieve their academic goals. Ms. Hubert has overseen the setup and operation of the NovaNET on-line learning program, and recently the Education 2020 on-line learning program. Ms. Hubert has assisted North Lake High School in the purchase of computers, multi-media projectors and other items that can be used by the students and staff.

2. Describe how decisions about curriculum, instruction and assessment are made at this institution, and how all stakeholders are involved in the process.

Helen Buyse is a full time Social Worker for North Lake High School. Ms. Buyse participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format. Ms. Buyse interacts daily with students to ensure that each student has the resources to be successful in their education endeavors. Ms. Buyse is the school's community liaison, establishing relationships with the Macomb County Health department, CARE, and other agencies that have resources designed to help North Lake High School students.

Robin Dennis maintains the enrollment information on all students on a daily basis. This includes academic achievement, demographics, attendance, and other educational information.

Robert Goralczyk oversees the school operations including the delivery of courses that incorporate all aspects of the Michigan Merit secondary curriculum, the creation of lesson plans that utilize the MMC and ACT/MME on a daily basis,

Mr. Goralczyk facilitates and participates in the weekly meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Lori Wenzlaff handles all incoming information from the families of students on a daily basis. This includes absence reporting, emergencies and other information that she provides to staff on a daily basis.

Diane Dymczyk works with students to create academic plans designed to assist students in the successful completion of the high school program and graduation. Ms. Dymczyk participates in the school open houses, conferences, meets with or calls the families of students who need assistance. Ms. Dymczyk participates in the weekly meetings held at the school. Ms. Dymczyk helps individuals prepare for the taking of the GED test which she oversees.

Dwight Clyne teaches Fine Arts courses at the school that are designed using the Michigan Merit Curriculum. Mr. Clyne participates in the school open houses, conferences, meets with or calls the families of students who need assistance. Mr. Clyne works on the development of Fine Arts syllabi that align to the Michigan Merit Curriculum. Mr. Clyne participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Suzanne Karwowski teaches English / Language Arts courses at the school that are designed using the Michigan Merit Curriculum. Ms. Karwowski participates in the school open houses, conferences, meets with or calls the families of students who need assistance. Ms. Karwowski works on the development of course curriculum and syllabi that align to the Michigan Merit Curriculum. Ms. Karwowski participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Candice Lark teaches Science courses at the school that are designed using the Michigan Merit Curriculum. Ms. Lark participates in the weekly school staff meetings where curriculum use, effect teaching strategies,

student concerns, and other issues are discussed in a round table format.

Lauren Osminski teaches Mathematics courses at the school that are designed using the Michigan Merit Curriculum. Ms. Osminski works participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Kyle Gerald teaches Social Studies courses at the school that are designed using the Michigan Merit Curriculum. Kyle Gerald participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Jessica Turner facilitates the Education 2020 online credit recovery program. The online courses are designed using the High School Content Expectations. Mrs. Turner attends school open houses, conferences, and meets with or calls families of students who need assistance. Mrs. Turner participates in the weekly school staff meetings where curriculum use, effect teaching strategies, student concerns, and other issues are discussed in a round table format.

Chris Loria provides North Lake High School support at the district level. Mr. Loria interacts with North Lake High School staff and students on a regular basis. North Lake High School administrators regularly attend district wide meetings with other administrators to assess the need of North Lake High School in relationship to the Lake Shore School District.

Tesha Thomas provides the staff at North Lake High School with information regarding Michigan Merit Curriculum, ACT/MME, and other Michigan Department of Education requirements. North Lake High School administrators meet with Ms. Thomas on a regular basis to discuss the ongoing improvement of the curriculum and other aspects of North Lake High School.

Becky Whitfield oversees the budgeting aspects of North Lake High School. Ms. Whitfield provides monetary assistance in the areas of professional development, curriculum support, and technology. Ms. Whitfield meets with the staff and administrators of North Lake High School regularly in order to determine the direction of the program and it's ongoing needs.

Fran Hubert provides North Lake High School with a variety technological resources that help students achieve their academic goals. Ms. Hubert has overseen the setup and operation of the NovaNET on-line learning program, and recently the Education 2020 on-line learning program. Ms. Hubert has assisted North Lake High School in the purchase of computers, multi-media projectors and other items that can be used by the students and staff.

3. Describe how institution and student information and progress will be shared with all stakeholders in a language that they can understand.

North Lake High School holds an open house for all members of the community, the school board members, and other organizations twice a year. This open house occurs two weeks after the beginning of the school year in September and again two weeks after the winter enrollment period in February. The open house presents all individuals with the opportunity to visit North Lake High School and examine the educational and curriculum environment, technology, and other features that promote a positive learning environment. During the open house, guests have the opportunity to examine the North Lake High School annual report which provides them with information regarding student success.

For the 2010 - 2011 school year, North Lake High School is using the "Power School" student data system. This program allows staff members to enter information for each student on a daily basis. Attendance, grades, behavioral, and other information becomes available for the families of students to review through the use of a parent portal.

North Lake High School holds Student / Family / Teacher conferences each marking period. The date is the

third Wednesday of the marking period. This allows for interaction to occur early in order to prevent the loss of credit due to academic, attendance, behavior and other issues.

Statement of Non-Discrimination

Federal Office for Civil Rights

The institution complies with all federal laws and regulations prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. It is the policy of this school that no person on the basis of race, color, religion, national origin or ancestry, age, gender, height, weight, marital status or disability shall be subjected to discrimination in any program, service or activity for which the district/school is responsible, or for which it receives financial assistance from the U.S. Department of Education.

Contact Information

Schools/Districts are required to designate an employee to coordinate efforts to comply with and carry out non-discrimination responsibilities.

Position of Contact:

Frank Thomas / Business Director

Address:

28850 Harper St. Clair Shores, MI 48081

Telephone Number:

586-285-8780

References

- Title VI of the Civil Rights Act of 1964
- The Age Discrimination Act of 1975
- The Americans with Disabilities Act of 1990
- Elliott-Larsen prohibits discrimination against religion

Conclusion

1. What Professional Learning activities will you need to provide to support the successful implementation of this school improvement plan?

In August 2009, North Lake High School staff participated in the Macomb Intermediate School District training sessions for the use of Power School, an electronic classroom tool designed to record attendance, grades, create progress reports and allow parent access to their students' academic accounts. This will increase the school's interaction with families of students attending North Lake High School.

On September 1, 2009, the North Lake staff participated in an Education 2020 training session to improve their skills in using the on-line learning system effectively. This additional training will provide staff with techniques to engage students in the curriculums provided by the Education 2020 program.

On September 15, 2009, new North Lake High School teachers attended the "New Teacher Academy" orientation at the Macomb Intermediate School District from 4:30p to 7:00 p. and continue attending the program throughout the school year.

On September 17, 2009, North Lake High School Mathematics teachers attended an "Algebra for All" statewide initiative, at the Macomb Intermediate School District from 9:00 a to 4:00 p. North Lake High School staff will participate in other professional development opportunities as they become available throughout the 2010 - 2011 school year.

Every Friday during the 2010 - 2011 school year, North Lake High School staff will attend a weekly meeting that will review techniques being used in the classrooms, what is working and what is not, and what professional development opportunities are available to correct the unsuccessful techniques.

2. How has the institution integrated its available fiscal resources to support this school improvement plan?

North Lake High School has established and maintained a budget of \$4,000.00 for use in the area of professional development. North Lake High School utilizes the Macomb Intermediate School District for low or no cost professional development training sessions in the areas of curriculum, common assessment, and other educational venues.

North Lake High School has requested and been approved for funding of technology equipment through the Lake Shore School District's at-risk funding program.

North Lake High School has written grants to the Lake Shore Foundation for Educational Excellence for technology equipment including laptop computers and multi-media projects for use in classrooms.

3. How has the institution assessed the need for and integrated the use of technology to support this school improvement plan?

Gary Diehl, the previous North Lake Principal, wrote and submitted two grants for the purchase of laptop computers and multi-media projectors for use in the classrooms. These two multi-media carts are available for teachers to use every school day. Programs such as, United Streaming, Career Cruising, etc can be viewed by students as a group in a classroom instead of individually at a computer. This promotes the concept of teamwork and project based learning.

Gary Diehl and Becky Whitfield attended the Lake Shore School District At-Risk funding meeting during the 2007 - 2008, 2008 - 2009 and 2009 - 2010 school years. Each year a proposal was submitted to Tesha Thomas, the Executive Director of Curriculum and Chair of the At-Risk Funding Committee a proposal for the purchase of twenty computers and on line learning licenses. During the 2007 -2008 school year, North Lake High School received twenty computer stations and twenty NovaNet on-line learning licenses. During the 2008 - 2009 school year, North Lake High School received an additional twenty computer stations and forty Education 2020 on-line learning licenses.

In addition, North Lake High School has another twenty seat lab that uses an N-Computing system for students' to access the internet and research information for classroom assignments. The goal for the 2009 -

2010 school year is to request an additional fifteen computer stations for the N-Computing lab. The additional computers will allow students to access the "Career Cruising" website for the creation of Education Development Portfolios (EDPs) and the Education 2020 website to work on ACT preparation.