

NTHS Goals – Learning & Achievement

School-Based Goal # 1: Student performance levels will increase as follows:

Passing rates on all Regents Exams will be 90 percent or higher
Mastery rates will meet or exceed 2007-2008 levels

School-Based Goal # 2: To enhance learning and achievement, students will have access to comprehensive course offerings and academic support systems, and will utilize appropriate instructional technology

NTHS Goals - Culture & Climate; Transitions

School-Based Goal # 3: The school will promote a learning environment that values student success, parent and community partnerships, and staff excellence.

School-Based Goal # 4: The school will establish or enhance systems, resources, and procedures that will enable students and staff to make successful transitions to the NTHS community, and prepare students for the transition from high school to higher education or the work force.

Goals & Action Plan Highlights

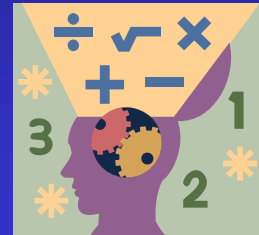
Core Subject Departments at NTHS



Science



ELA



Mathematics



Social Studies

Science

FOCUS AREA: Learning & Achievement (SBG #1)

GOAL # 1 Improve percentage of students demonstrating passing and mastery on Regent's Exams for June 2009. Using data to revise curriculum maps and to re-evaluate lesson plans. Utilizing extended school day program for unit test review prior to unit tests. Using Eduware regent's exam database questions during school year. Increasing the number of students who take advantage of Student Assistance periods.

English Language Arts

FOCUS AREA: Learning and Achievement (S-BG #1)

GOAL # 1 Expand method of statistical comparison for Passing and Mastery rates to include gr. 9-11 COHORT COMPARISONS throughout beginning with the 2007 cohort. COHORT COMPARISON will generate mid-year data specific to a group, allowing for tailoring of lessons/skill content to realize statistically valid increases in MASTERY RATES of 5% yearly.

GOAL # 2 Improve accountability for technical writing skills development (TASKS I and II) and literature response (TASKS III and IV) These are represented within the Assessment framework and Final Exams for each grade level. Beginning with the 2007 Cohort, TASKS are split between grades 9 (I, III) and 10 (II, IV), and ASSESSED in ALTERNATE QUARTERS. Via implementation of Goals 1 and 3, we target increases of 5% per alternate quarter, yielding an overall yearly increase per Cohort of 10% at the Proficiency Level (movement from ELA rubric rating of 3 and lower to 4 and up) and 5% at the Mastery Level (movement from level 4 to level 5 and up). It is projected that the 2007 Cohort will reach a MAJORITY ELA Mastery Rate with the 2010 ELA Examination. Based on the mid-yr compiled Assessments, the 2007 Cohort would increase from a 31% Mastery Rate in Grade 9 to a 50% Mastery Rate by Grade 11.

English Language Arts (cont.)

GOAL # 3 Teachers will utilize Gap Analysis Protocols and information available from Data Mentor and the Quarterly Assessments to better direct and organize the compilation and sharing of their “Best Practice” lessons, projects, evaluations for the dual purpose of aiding professional development of other department members and providing a wider range of materials to address varied student learning styles and levels of ability.

Mathematics

FOCUS AREA: Transitions (S-BGs # 2 & 4)

GOAL # 1 Align new math courses to the New York State Standards. Teachers will evaluate textbook samples to determine the best book to adopt. Integrated Algebra and Geometry teachers are piloting the Glencoe textbooks for the entire 2008-2009 school year to determine if they are a good fit for our program. Algebra 2/Trigonometry teachers will attend the math council meetings to discuss the new curriculum. Create curriculum maps for the Algebra 2/Trigonometry course that will begin in September 2009.

Social Studies

FOCUS AREA: Learning & Achievement (SBG #1)

GOAL # 1 Increase Document Based Question (DBQ) Essay results on the Global History Regents Exams by 3%. Currently 56.73% of students earn 3 or higher on the DBQ Essay. Goal is to raise the percent earning at least a 3 to 60%. Action plan calls for in-service training for teachers of US History on standardization of DBQs and use as a quarterly assessment.

GOAL # 2 Increase DBQ Essay results on the US History Regents Exams by 3%. Currently 59.36% of students earn a 3 or higher on the DBQ Essay. Goal is to raise the percent earning at least 3 or higher to 63%. Action plan calls for in-service training for teachers of US History on standardization of DBQs and use as a quarterly assessment.

FOCUS AREA: Learning & Achievement (SBG #2)

GOAL # 3 Develop a curriculum for new Sociology course. Students will have access to a 5 credit sequence in Social Studies by taking both Psychology and Sociology.

NTHS REGENTS PASSING & MASTERY RESULTS - 4 YEAR STUDY												
REGENTS												
JUNE	2005		2006		2007		2008		4 yr Avg	4 yr Avg		
EXAM	Passing	Mastery	Passing	Mastery	Passing	Mastery	Passing	Mastery	Passing	Mastery		
English Department												
ELA	91	36	97	53	90.1	32	96.3	40.0	93.6	40.3		
Foreign Languages Department												
French 3	89	37	94	47	100	42	96.2	52.8	94.8	44.7		
German 3	95	67	100	62	100	39	100.0	80.8	98.8	62.2		
Spanish 3	98	60	97	49	98.3	67.3	98.7	57.5	98.0	58.5		
Mathematics Department												
Math A (*Int. Algebra)	91	12	81	6	81	5	81.2	9.9	83.6	8.2		
Math B	73	9	84	13	76	26	64.6	18.2	74.4	16.6		
Science Department												
Biology	86	13	89	16	90	19.7	92.8	28.7	89.5	19.4		
Chemistry	78	13	81	14	69.4	4.3	71.7	5.8	75.0	9.3		
Earth Science	89	36	89	24	79.3	20.1	78.7	24.7	84.0	26.2		
Physics	98	43	97	14	96.5	28.7	83.6	25.4	93.8	27.8		
Social Studies Department												
Global 2	88	12	78	30	77.8	22.2	83.8	31.4	81.9	23.9		
US History	94	60	95	68	94	58.9	94.8	57.7	94.5	61.2		
2007 & 2008 results as indicated in Data Warehouse												
2007 & 2008 includes results from NT Alternative High School												
										> 2005 baseline		