

NORTH TONAWANDA HIGH SCHOOL  
 School-Based Plans  
 2009 - 2010

DISTRICT FOCUS AREA: Learning and Achievement  
 GOAL # 1: Create a new final exam for High School Health that consists of an objective exam and a skill-work portfolio (rubric-based).

| OBJECTIVES/<br>OUTCOMES                                  | ACTION PLANS/STRATEGIES   | TIME/PERSON<br>RESPONSIBLE                                       | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED   | PROFESSIONAL<br>DEVELOPMENT   |
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| <p>To create a new exit exam for high school Health.</p> | <p>Students will complete several skill-based activities throughout the year to be kept in their own student portfolio. Teachers will develop a newer version of the existing objective exam currently given.</p> <p>1. Mrs. Reed and Mr. Klimas will work together to establish criteria for the rubrics, as well as questions for the exam.</p> | <p>To be completed by June 2010 by Mrs. Reed and Mr. Klimas.</p> | <p>Mr. Klimas and Mrs. Reed will meet to complete the new final exam on a monthly basis. By January 2010 we will have a draft version of the new exam, as well as a list of skills-based products to go in the portfolio.</p> | <p>Departments will meet to discuss creation of new questions using internet and other resources.</p> |

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DISTRICT FOCUS AREA: Culture and Climate and Learning and Achievement  
 GOAL # 2: Implementation of new web-based technologies to use in high school Health curriculum.

| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES   | TIME/PERSON<br>RESPONSIBLE   | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT   |
|---|---|--|--|---|
| To select new versions of technology (web 2.0) to insert into the high school curriculum. | Department will research new, free, versions of technology appropriate for NYS Health. Department will develop strategies to implement technology into lessons by using current technology opportunities in district. (Instructors, Labs, Ms. Ellis, etc.). | Mr. Klimas and Mrs. Reed. Researching of new applications and determining appropriate place in the curriculum. | By June 2010 the department will have one or more web-based activity implemented into classroom instruction. | Department will meet to discuss possible new applications, technologies, etc. |

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| DISTRICT FOCUS AREA: Learning and Achievement   |   |  |  |  |
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| GOAL # 3: Health Department will apply for a Tanita Program mini-grant from BOCES.                      |   |  |  |  |
| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES   | TIME/PERSON<br>RESPONSIBLE   | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT  |
| <p>Health Department will apply for Tanita software and scales for an application for a mini-grant.</p> | <p>Health Department will research software and scales for a student fitness program. Staff in both the MS and HS building could also benefit from the computerized program.</p> <p>1. Researched and written October 2008.</p> | <p>Mrs. Reed and Mr. Klimas will devote September and October to research and completion of program and mini-grant application.</p> <p>1. Turned in mini-grant application to all parties.</p> | <p>Mrs. Reed and Mr. Klimas will meet to discuss the Tanita Program. Mini-grant will be turned in to BOCES, Ad. Bldg., and Building principals by Oct. 17, 2008.</p> | <p>Teachers will meet to discuss benefits of program and software and integration into current curricula and computer lab time.</p> <p>1. Department has met and discussed current programs and integration of a Tanita program for all Health students.</p> <p>2. Submitted review to board at ONBOCES.</p> |

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| DISTRICT FOCUS AREA: Learning and Achievement<br>GOAL # 4: Creation of K-6 Health Curriculum. |   |   |  |   |
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| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES   | TIME/PERSON<br>RESPONSIBLE                                | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT   |
| For 100% of K-6 students to have Health Education.  | <p>For the Health Department to research and develop an on-line (electronic) K-6 Health Education Curriculum for the district.</p> <p>1. Have already completed a curriculum proposal and turned in to Mr. Woytila. Ad. Bldg. Stated this proposal would be worked on throughout the school year, waiting for progress per Mr. Woytila.</p> | Mrs. Reed, Mr. Witman and elementary building principals. | Building principals, Athletic Director, and Mrs. Reed will meet, as a committee, throughout the year to create curriculum. | <p>Elementary buildings and Health Department will work together at various meetings. Other existing, (NYS standard-based) programs will be reviewed.</p> <p>1. Ms. Ellis had stated that if a Health related opportunity for curriculum writing and technology arose that she would contact Mrs. Reed.</p> |

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| DISTRICT FOCUS AREA: Learning and Achievement   |  |  |   |   |
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| GOAL # 5: Purchase a set of classroom clickers and develop questions for lessons.   |  |  |   |   |
| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES  | TIME/PERSON<br>RESPONSIBLE   | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED   | PROFESSIONAL<br>DEVELOPMENT   |
| <p>To research, purchase and obtain a classroom set of clickers.</p> <p>To review free software applications for question creation.</p> | <p>Health Department will research and order a set of classroom clickers for instant classroom assessment during lessons.</p> <p>Health Department will develop questions for at least 2 areas of Health curriculum.</p> | <p>Mrs. Reed and Mr. Klimas will research and complete a PO order for equipment and turn it in to Mrs. Pusch by Jan. 2009.</p> <p>Mrs. Reed and Mr. Klimas will use information from training and technology department to create appropriate questions for clicker usage in high school Health.</p> | <p>By Jan. 2009, Mr. Fisher will have the request from Mrs. Pusch for the classroom set (35) clickers.</p> <p>By January 2010 we will have questions for one unit topic of Health. By June 2010 we will have questions for two or more unit topics in Health (Example, Food and Nutrition Questions).</p> | <p>Departments will meet to discuss the research and integration of the clickers into classroom lessons, discussions and assessment.</p> <p>Possible professional development for Health department on clicker software and applications.</p> |

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DISTRICT FOCUS AREA: Learning and Achievement  
 GOAL # 6: Expanding Health Course at the Middle School.

| OBJECTIVES/<br>OUTCOMES  | ACTION PLANS/STRATEGIES  | TIME/PERSON<br>RESPONSIBLE  | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT  |
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| <p>For all middle school students to receive 10 weeks of Health Education in seventh grade and 20 weeks of Health Education in eighth grade (every other day).</p> | <p>To present to the board the need for increased Health Education at the middle school level.</p> | <p>Mr. Murphy will take part in meetings with Department, Board and Administration to promote course increase adoption.</p> | <p>Mr. Murphy and the Health Dept. will meet to discuss progress with this goal.</p> | <p>Departments will meet to discuss implementation of course increase, as well as to research data for board presentation.</p> |

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| DISTRICT FOCUS AREA: Learning and Achievement   |  |   |  |   |
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| GOAL # 7: Assess differentiated learning.   |  |   |  |   |
| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES  | TIME/PERSON<br>RESPONSIBLE  | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT   |
| <p>To identify objective assessment instruments for differentiated learning, especially for technology-based learning.</p> <p>To implement assessment instruments into middle school Health classes during the 2009-2010 school year.</p> | <p>Teachers will research different methods of successful, research-based assessment instruments for differentiated lessons.</p> <p>Teachers will develop rubrics, portfolios, pre- and post-tests, journals, etc. to assess learning at different times throughout the lessons. Teachers will analyze data to measure overall success of the lessons.</p> | <p>Mr. Murphy and Mrs. Reed will use planning time and department meetings to research and design instruments. Actual assessments will be used before, during and upon completion of lessons.</p> | <p>Mr. Murphy and Mrs. Reed will meet weekly to begin goal seven. Actual assessment tools designed specifically for differentiated lessons will be used by spring '09 in Health classes.</p> | <p>Teachers should be able to avail to themselves any professional development opportunity in regards to both differentiation and assessment. Teachers will analyze data based on results from these instruments.</p> |

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DISTRICT FOCUS AREA: Learning and Achievement  
 GOAL # 8: Middle school Health grant-writing for hands-on media in the classroom.

| OBJECTIVES/<br>OUTCOMES   | ACTION PLANS/STRATEGIES  | TIME/PERSON<br>RESPONSIBLE   | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT  |
|---|--|--|--|--|
| <p>To obtain two new forms of hands-on media for classroom use via grant funding.</p> | <p>Teachers will research hands-on media that will most effectively enhance classroom learning and achievement.<br/>           Teachers will research grant opportunities.<br/>           Teachers will apply for said grants.</p> | <p>Mrs. Reed will research media and grants, as well as apply for grant funding.</p> | <p>Material selection should be completed by January 2010 for fall submission.<br/>           Grant research, as well as applications, should be completed by June 2010.<br/>           Funding should be received by the end of the school year. The middle school Health Dept. should obtain two new pieces of hands-on media, such as, videos, artificial body system components, classroom experiment kits, etc.</p> | <p>Department will meet weekly to discuss which Health topics are most in need of new media and what current grants exist for this type of need.<br/>           Departments will avail themselves to professional opportunities that include media, Health topics and grant-writing.</p> |



**DISTRICT FOCUS AREA: Learning and Achievement**

**GOAL # 9: Passing rate on local Health exam will be 95% or higher.**

| OBJECTIVES/<br>OUTCOMES  | ACTION PLANS/STRATEGIES  | TIME/PERSON<br>RESPONSIBLE   | HOW ACTIONS WILL BE<br>MONITORED, EVALUATED  | PROFESSIONAL<br>DEVELOPMENT   |
|--|--|--|--|---|
| <p>For 95% of students to pass the in-class, local Health exam by June 2008.</p> | <p>Students will complete several research projects and presentations during the year. <b>For example students will use human sexuality education and reproduction content in their own reproduction projects of different species.</b> Students will complete projects that implement class terms and content to reinforce learning.</p> <p>1. Have already implemented in the Fall '08.</p> <p>2. Students completed their own fitness goals using terms and concepts learned in class and found on exam. Students completed paperless project on content found on exam.</p> | <p>95% passing rate by June, 2008. Mr. Klimas and Mrs. Reed.</p> <p>1. June 2008 passing rate was 95%.</p> | <p><b>Mr. Klimas and Mrs. Reed will meet to complete an item analysis of each question on the exam,</b> as well as complete data for passing percentage on the January 2008 exam. Final assessment will be done June '08 to be certain the goal was met.</p> <p>1. Mr. Klimas and Mrs. Reed have completed item analysis and have begun to analyze data from Jan. '08 exam.</p> <p>2. Completed item analysis for June 2008.</p> | <p><b>Departments will meet to discuss implementation of projects/presentations,</b> as well as item and data analysis of exams (both Jan and June).</p> <p>1. Department has met and discussed current projects and implementation of exam concepts.</p> <p>2. Daily meetings to discuss projects, exams, etc.</p> |