

# Northern Highlands Regional High School



3D Strategic Plan

Determination, Dreams and Destiny *by design*

January 20, 2016

Dr. Scot Beckerman, Superintendent



# **District Mission Statement**

# MISSION STATEMENT

## SCHOOL MISSION:

The members of the Northern Highlands community--students, faculty, administration, staff, parents, and other community members--will:

- \* Provide a safe, nurturing, and stimulating **environment** dedicated to human development.
- \* Use **shared decision-making** to create a harmonious environment.
- \* Create a community committed to academic excellence and the **highest ethical standards**.
- \* **Care about all individuals** of our community, their growth and development, their ideas and aspirations.
- \* Create an administration that **efficiently and effectively serves the needs of students** and faculty with the best interests of the school in mind.
- \* Foster a highly motivated and innovative staff that **inspires students** to discover and perpetuate the joy of learning.

# MISSION STATEMENT continued

- \* **Involve parents, community, and businesses** in the educational process.
- \* Perpetually **evaluate and adjust** the educational process to ensure its relevance to current and future needs.
- \* **Incorporate conceptual and technological advances** both as the object of learning and as tools to facilitate learning.
- \* Provide appropriate **facilities**, materials, equipment, and time for effective learning and teaching.
- \* Emphasize the importance of **physical and mental well-being** by creating an environment that encourages healthy choices and positive self-esteem.
- \* Encourage students to appreciate and contribute to our **culturally diverse society**.
- \* Provide an **intellectual and cultural environment** that is optimal for learning, creativity, and independent thinking.
- \* Enable all students not only to master a **common core** of knowledge and skills, but also to use that knowledge **creatively to solve real-life problems**.
- \* Promote **pride** in ourselves and our community, and **foster school spirit**.

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# **Yearly Goals: BOE & District**

# 2015/2016 BOE GOALS

1. Complete negotiations with supervisory staff
2. Prepare for and initiate negotiations for sending-receiving contracts
3. Implement the strategic planning process during 2015-16 school year

# 2015/2016 DISTRICT GOALS

1. Improve student instruction on authentic, performance-based **assessments** as measured by a review of all unit evaluations.
2. All teachers will infuse interactive technology in preparation for successful implementation of the **1:1 initiative**.
3. Continue to enhance the **technology infrastructure** to increase secure and reliable electronic access for all users.
4. Continue to monitor and support student **wellness** through guidance and instructional programs and fostering a healthy school environment.
5. Continue the development and fulfillment of a long range plan to address current and future **facility improvements** that will provide increased safety, security and efficiency.



# District Initiatives



# DISTRICT INITIATIVES

- \* **1-TO-1 technology initiative**

  - Teachers 2015/2016 (Implementation and Training)

  - Students 2016/2017 (Planning)

- \* **K-12 Articulation** with sending districts

- \* Fully Aligned curriculum to **Common Core**

- \* **Authentic Assessment**

- \* **Wellness**

- \* **STEAM** (A little STEAM for all) Problem solving/ Critical Thinking Skills

- \* Next Generation science Standards (**NGSS**)

- \* **PARCC:** PARCC Simulations/Preparing for 2<sup>nd</sup> year of PARCC Assessment

- \* **Elective Audit**

- \* **Facilities Upgrades:** Recently Completed and Upcoming

  - Roof, Science Wing AC, Room 100, Press Box, Technology Infrastructure Upgrades, Various flooring updates (Implementation)

  - Solar, LED, Auditorium, preparing for 1-to-1 (Evaluation/Planning)

# DISTRICT INITIATIVES continued

- \* **English:** Writing intensive component for all major disciplines & integrated word study
- \* **Interdisciplinary Approach** (English & S.S., Business & English, etc.)
  - \* *Co-Teaching of Foundations in Literacy and Technology* (Combining freshman courses Rhetoric and CBT)
  - \* **Combined department meetings** (ie- Math/Science at least once per year to create common language and mathematical approaches to curriculum)
- \* **Created Proficiencies and Rubicon Atlas Curriculum Mapping and Pacing Guides**
- \* **New textbook adoptions**
  - \* Use of **online resources** (ie- Algebra 1 & 2, Geometry)
- \* 4<sup>th</sup> year of Freshman **Honors Math Analysis** (Honors Geometry and Honors Algebra 2). Leads to Calc 3 through Seton Hall during their senior year
  - \* Cohort Sequence: Honors Math Analysis, Honors Pre-Calc, BC Calc, **Multi Variable Calc (Calc 3)**



# District Data

# TOTAL SCHOOL POPULATION

| Year      | Population | Student to Staff Ratio |
|-----------|------------|------------------------|
| 2011/2012 | 1350       | 10.7 to 1              |
| 2012/2013 | *1329      | 9 to 1                 |
| 2013/2014 | 1354       | 11 to 1                |
| 2014/2015 | *1378      | 11.1 to 1              |
| 2015/2016 | 1338       | Not available yet      |

\* Difference between largest and smallest years is 49 students

# STATEWIDE SCHOOL PERFORMANCE MEASURES

| Performance Indicator         | Data   | Source of Data   |
|-------------------------------|--|--|
| Academic Achievement          | HSPA/PARCC proficiency<br>Substitute Competency Tests (SAT, ACT, PSAT, etc.) | NJDOE School Profile<br>NJDOE Cycle 2 Reports<br>NJDOE School Performance Report |
| College and Career Readiness  | Advanced Placement<br>SAT<br>PSAT<br>Absenteeism                             | College Board<br>NJSMART<br>NJDOE School Performance Report                      |
| Student Growth                | Student Growth Percentiles   | NJSMART  |
| Graduation and Post-Secondary | Overall Graduation Rate<br>Dropout Rate<br>Post-Secondary Enrollment         | NJSMART<br>National Student Clearinghouse<br>NJDOE School Performance Report     |

| School Performance Indicator   | Statewide Target   |
|--|--|
| HSPA/PARCC (waived to class of 2019)<br>*Alternative Proficiency Tests | 90% or uniquely calculated progress goal as set by NJDOE                         |
| SAT Participation  | 80% of 12 <sup>th</sup> grade students   |
| PSAT Participation   | 60% of 10 <sup>th</sup> and 11 <sup>th</sup> grade students                      |
| SAT Scores above 1550  | 40% of test takers   |
| Students taking at least on AP test in English, Math SS or Science     | 35% of 11 and 12 <sup>th</sup> grade students                                    |
| AP test scores with a “3” or greater in English, Math, SS or Science   | 75% of AP test scores in English, Math, SS or Science                            |
| Chronic Absenteeism  | 6% of the enrollment with more than 18 absences                                  |
| Student Growth Percentile  | 35 <sup>th</sup> percentile for median student growth percentile of test takers  |
| Overall Graduation Rate  | 75% of 12 <sup>th</sup> grade students in 4 years                                |
| Dropout Rate   | 2% of 12 <sup>th</sup> grade students classified as “drop out” before graduating |

\*Alternative Proficiency tests will take the place of PARCC until at least the class of 2019

These assessments include ACT, SAT, PSAT, IB and AP English Language, Accuplacer and ASVAB-AFQT tests, or a student portfolio prepared by school districts

# ENGLISH LANGUAGE ARTS ACADEMIC ACHIEVEMENT (HSPA)

|  | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
|--|-----------|-----------|-----------|-----------|
| HSPA Language Arts Proficiency and Above | 345       | 321       | 309       | 357       |
| Students in Class                        | 354       | 322       | 315       | 357       |
| Percentage                               | 97.45%    | 99.68%    | 98.09%    | 100%      |

\*Note that no data is provided for 2014/2015 due to implementation of PARCC

\*Statewide Target is 90%

# MATHEMATICS ACADEMIC ACHIEVEMENT (HSPA)

|                                 | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
|---------------------------------|-----------|-----------|-----------|-----------|
| HSPA Math Proficiency and Above | 333       | 308       | 296       | 344       |
| Students in Class               | 354       | 322       | 315       | 354       |
| Percentage                      | 94.06%    | 95.56%    | 93.39%    | 97.17%    |

\*Note that no data is provided for 2014/2015 due to implementation of PARCC

\*Statewide Target is 90%



# ENGLISH LANGUAGE ARTS ACADEMIC ACHIEVEMENT (PARCC)

| <b>NH-State compar.</b>   | <b>Did not meet (1)</b> | <b>Partially met (2)</b> | <b>Approach (3)</b> | <b>Met (4)</b> | <b>Exceeded (5)</b> | <b>% who took test</b> |
|---------------------------|-------------------------|--------------------------|---------------------|----------------|---------------------|------------------------|
| <b>English 9 (NHRHS)</b>  | <b>2%</b>               | <b>7%</b>                | <b>18%</b>          | <b>53%</b>     | <b>20%</b>          | <b>55%</b>             |
| English 9 (State)         | 18%                     | 19%                      | 24%                 | 30%            | 10%                 | -                      |
| <b>English 10 (NHRHS)</b> | <b>23%</b>              | <b>17%</b>               | <b>14%</b>          | <b>27%</b>     | <b>20%</b>          | <b>26%</b>             |
| English 10 (State)        | 25%                     | 18%                      | 20%                 | 26%            | 11%                 | -                      |
| <b>English 11 (NHRHS)</b> | <b>8%</b>               | <b>12%</b>               | <b>12%</b>          | <b>54%</b>     | <b>14%</b>          | <b>28%</b>             |
| English 11 (State)        | 17%                     | 19%                      | 24%                 | 30%            | 11%                 | -                      |

# MATHEMATICS ACADEMIC ACHIEVEMENT (PARCC)

| <b>NH-State compar.</b>   | <b>Did not meet (1)</b> | <b>Partially met (2)</b> | <b>Approach (3)</b> | <b>Met (4)</b> | <b>Exceeded (5)</b> | <b>% who took test</b> |
|---------------------------|-------------------------|--------------------------|---------------------|----------------|---------------------|------------------------|
| <b>Algebra I (NHRHS)</b>  | <b>5%</b>               | <b>17%</b>               | <b>60%</b>          | <b>19%</b>     | <b>0%</b>           | <b>46%</b>             |
| Algebra I (State)         | 14%                     | 25%                      | 25%                 | 33%            | 3%                  | -                      |
| <b>Geometry (NHRHS)</b>   | <b>7%</b>               | <b>12%</b>               | <b>27%</b>          | <b>46%</b>     | <b>8%</b>           | <b>49%</b>             |
| Geometry (State)          | 12%                     | 36%                      | 30%                 | 20%            | 3%                  | -                      |
| <b>Algebra II (NHRHS)</b> | <b>13%</b>              | <b>13%</b>               | <b>26%</b>          | <b>46%</b>     | <b>2%</b>           | <b>24%</b>             |
| Algebra II (State)        | 32%                     | 25%                      | 20%                 | 22%            | 2%                  | -                      |

# NEW JERSEY MONTHLY MAGAZINE HIGH SCHOOL RANKINGS

|                     |          |
|---------------------|----------|
| <b>2014 Ranking</b> | <b>3</b> |
| 2012 Ranking        | 22       |
| 2010 Ranking        | 6        |
| 2008 Ranking        | 8        |
| 2006 Ranking        | 7        |

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# College & Career Readiness

# CHRONIC ABSENTEEISM

|                                   | 2011/2012 | 2012/2013 | 2013/2014 | 2014/2015 |
|-----------------------------------|-----------|-----------|-----------|-----------|
| Students with 18 or more absences | 87        | 131       | 97        | 102       |
| Total enrollment                  | 1350      | 1329      | 1354      | 1378      |
| Percent                           | 6.4%      | 9.8%      | 7.1%      | 7.4%      |

\*Statewide Target is 6%

# 4- YEAR GRADUATION RATE

| 2012  | 2013  | 2014  | 2015  |
|-------|-------|-------|-------|
| 99.2% | 99.1% | 99.7% | 98.6% |

## Drop-Out Rate

| 2012      | 2013      | 2014      | 2015      |
|-----------|-----------|-----------|-----------|
| 1 student | 1 student | 1 student | 1 student |

## Post-Secondary Enrollment

| 2012  | 2013  | 2014  | 2015  |
|-------|-------|-------|-------|
| 97.3% | 95.4% | 97.1% | 97.4% |

\*Statewide Graduation target: Greater than 75%

\*Statewide Dropout Rate Target: Less than 2%

\*No Statewide Target for Post-Secondary Enrollment

# COLLEGE & CAREER READINESS: SAT

|                             | 2011/2012 | 2012/2013 | 2013/2014 | 2014/2015 | Statewide Target |
|-----------------------------|-----------|-----------|-----------|-----------|------------------|
| % Participating in SAT      | 93.8%     | 92.1%     | 92.3%     | 85.2%     | 80%              |
| % Participating in PSAT     | 87.6%     | 86.5%     | 81.6%     | 84.3%     | 60%              |
| % Participating in ACT      | 45.9%     | 49.2%     | 46%       | 48.4%     | No Target        |
| % Scoring above 1550 on SAT | 72.2%     | 75.9%     | 71.7%     | 70%       | 40%              |

# MEAN SAT SCORES

|            | Critical Reading |      | Mathematics |      | Writing |      |
|------------|------------------|------|-------------|------|---------|------|
|            | 2014             | 2015 | 2014        | 2015 | 2014    | 2015 |
| NHRHS      | 566              | 591  | 605         | 615  | 589     | 595  |
| New Jersey | 501              | 500  | 523         | 521  | 502     | 499  |
| +/-        | +65              | +91  | +82         | +94  | +87     | +96  |
| Nation     | 497              | 495  | 513         | 511  | 487     | 484  |
| +/-        | +69              | +96  | +92         | +104 | +102    | +111 |



# COLLEGE & CAREER READINESS: AP

|   | 2011/2012 | 2012/2013 | 2013/2014 | 2014/2015 | Statewide Target |
|---|-----------|-----------|-----------|-----------|------------------|
| % taking at least one AP in English, Math, Social Studies, or Science       | 26.3%     | 25.3%     | 33%       | 28%       | 35%              |
| % of AP scores of “3” or better in English, Math, Social Studies or Science | 91%       | 90%       | 92.2%     | 88.9%     | 75%              |

The Northern Highlands School District offers a total of 21 AP courses. Music, Art, Comp Sci, Business and Languages are not included in the above numbers



# Quick Facts About NHRHS

# QUICK FACTS

- \* Serve the students of Allendale, Upper Saddle River, Ho-Ho-Kus and Saddle River
- \* Opened 1965 (2015/2016 is our 50 year “Golden” Anniversary)
- \* Rankings (Academic, Athletic, Co-Curricular, Facilities, Food Service)
- \* # athletics: 29 sports with 67 levels
  - \* 14/15: 780 student participated (56% Participation of Total Population)
  - \* 14/15: 9 league championships, 7 state sectionals and 1 overall state championship
- \* # Co-Curricular: 60+ clubs/activities
  - \* Over 120 students participated in fall play and spring musical

# QUICK FACTS continued

- \* Dual enrollment programs with FDU, Rutgers, BCC, Syracuse (27% of students enrolled in at least 1 course)
- \* 97.4% of the 2015 class attended college
- \* 59% of students made honor roll last semester
- \* 35% of students in grades 10-12 took at least 1 AP exam in May 2015
- \* 138 students named AP Scholars (avg score 4.26)
- \* Budget amount: \$29.3 million



While I take inspiration from the past, like most Americans, I live for the future.

-Ronald Reagan (August 17, 1972)