Northwestern University’s Midwest Academic Talent Search (NUMATS) and ATYP

October/November 2016
"I wouldn’t say your son is a bad child. He’s gifted at disruptive behavior.”
16. $2x + 3 - x = $
17. $2y + 3y - 2 + 5 = $
18. $3x + 2y - 5 + 3y - 2x = $
19. $3xy + 2x + 5y - x = $
20. $3(x+1) - 2x = $
Started in 1981 with 22 students

We have enrolled over 4000 students from 60 SW Michigan public and private schools.
ATYP offers classes in Kalamazoo and Battle Creek.
Where Geeking Out is Cool

Where Thinkers Teach
Why ATYP?

- Advanced & Accelerated Instruction
- Intellectual Challenge
- Open Discourse & Debate
- Like-Ability Peers
- Study Skills
- Self-Confidence
- High School Credit

Talent + Motivation + Opportunity = Success
How does ATYP work?

<table>
<thead>
<tr>
<th>ATYP</th>
<th>Year I</th>
<th>Year II</th>
<th>Year III</th>
<th>Also Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language  Arts</td>
<td>Honors English 9 &amp; 10</td>
<td>Honors English 11 &amp; 12</td>
<td>AP Literature &amp; Comp/ Language &amp; Comp</td>
<td>AP Computer Science</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Algebra I/II</td>
<td>Geometry &amp; Precalculus</td>
<td>AP Calculus at local school</td>
<td>Algebra Prerequisite</td>
</tr>
<tr>
<td>Grade</td>
<td>7th or 8th</td>
<td>8th or 9th</td>
<td>9th or 10th</td>
<td>Contact ATYP for more information</td>
</tr>
</tbody>
</table>
Does it cost anything?

- Tuition from schools: 7%
- WMU: 75%
- Contributions: 18%

Public Schools Pay Tuition
How does my child qualify?

Register for the Talent Search

http://www.ctd.northwestern.edu/numats
NUMATTS uses a three-step process.
High State Achievement Test Scores – Step One

- 2015-16 M-STEP Score level 4 in math or English
- Teacher or Parent Recommendation
- Being in a gifted program at school
- Scoring at the 90th percentile or better on a nationally normed test
Above-Grade-Level Testing
– Step Two

Above-Grade-Level Testing

ACT 1
SAT 200

350

550

ACT 36
SAT 800

Percentiles on in-grade achievement tests
NUMATS information – Step Three

- Access customized score report and targeted resources
SAT
• Reading
• Math

ACT
• Math
• Science
• Reading
• English
Online registration is easy. Go to: http://toolbox.ctd.northwestern.edu.

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Dates</th>
<th>Online Registration Ends</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT</td>
<td>January 21, 2017</td>
<td>December 18, 2016</td>
</tr>
<tr>
<td>ACT</td>
<td>February 11, 2017</td>
<td>January 11, 2017</td>
</tr>
<tr>
<td>SAT</td>
<td>March 11, 2017</td>
<td>February 7, 2017</td>
</tr>
</tbody>
</table>
Registering for NUMATS
http://toolbox.ctd.northwestern.edu

NUMATS

Northwestern University's Midwest Academic Talent Search (NUMATS) is a research-validated program that utilizes above-grade-level assessment, as a means of gifted testing, to help parents and educators better understand their students' educational needs. NUMATS allows eligible students to take internationally recognized tests before the grade levels at which they are normally administered. The PSAT™8/9 test, designed for students in grades 8 and 9, is administered to students in grades 3 through 6. SAT® and ACT®, designed for students in grades 11 and 12, are administered to students in grades 6 through 9. NUMATS identifies academic ability, measures growth and connects students to resources and opportunities for advanced students.

At A Glance

Grades: 3-9

Tuition:
$75-97. For more details see the Dates & Fees section below.

Program Type:
Talent Search Assessment

Program Location(s):
Test centers are located throughout the United States.

See All Program Details »
Registering for NUMATS

Qualifying Information

How to qualify for NUMATS

☐ I qualify for the gifted program at my school.

☐ I have been recommended by a teacher or parent.

☐ I am a past participant in NUMATS or another Academic Talent Search.

☐ I qualify on a nationally normed test.

☐ I qualify on a state achievement test.
Student's Current School*

If I identify my child's school or school district here, his/her test scores are made available to that school or school district.

FIND MY SCHOOL

✔ Portage North Middle School (Portage, MI)

IMPORTANT: The testing agencies make test center assignments on a first-come, first-served basis. If all seats at the test center you request are filled, the testing agency will assign you to the nearest available test center. To increase your chance of being assigned to a test center near you, please request two different test centers on the same test date, and then click Continue at the bottom of the page.

Test Date and Requested Test Center*

FIND A TEST CENTER

✔ WESTERN MICHIGAN U, KALAMAZOO MI
1944 SAT
6007 ACT
In order for us to receive your scores you must request that they be sent to us. Under additional score reports, add our ATYP school code:

- For the SAT enter 1944
- For the ACT enter 6007
# Costs

<table>
<thead>
<tr>
<th></th>
<th>Test Fee</th>
<th>NUMATS Fee</th>
<th>Total Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>$42.50</td>
<td>$40</td>
<td>$82.50</td>
</tr>
<tr>
<td>SAT</td>
<td>$45</td>
<td>$40</td>
<td>$85.50</td>
</tr>
</tbody>
</table>

Psychological Assessment runs $500-$700!
Financial Aid

A sample letter is available online at: www.ctd.northwestern.edu/numats/program/aid/
Table 2: SAT Mean Scores by Grade & Gender

<table>
<thead>
<tr>
<th>Males in Grade</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>952</td>
<td>2374</td>
<td>2824</td>
<td>532</td>
</tr>
<tr>
<td>Reading</td>
<td>412.50</td>
<td>456.20</td>
<td>501.02</td>
<td>561.80</td>
</tr>
<tr>
<td>Math</td>
<td>449.12</td>
<td>498.67</td>
<td>546.74</td>
<td>603.52</td>
</tr>
<tr>
<td>Combined</td>
<td>861.62</td>
<td>954.87</td>
<td>1047.76</td>
<td>1165.15</td>
</tr>
<tr>
<td>Writing</td>
<td>390.80</td>
<td>429.44</td>
<td>470.90</td>
<td>531.03</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Females in Grade</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>819</td>
<td>2224</td>
<td>2810</td>
<td>485</td>
</tr>
<tr>
<td>Reading</td>
<td>417.01</td>
<td>460.64</td>
<td>500.74</td>
<td>577.65</td>
</tr>
<tr>
<td>Math</td>
<td>422.91</td>
<td>467.14</td>
<td>509.86</td>
<td>576.08</td>
</tr>
<tr>
<td>Combined</td>
<td>840.04</td>
<td>927.64</td>
<td>1010.60</td>
<td>1153.73</td>
</tr>
<tr>
<td>Writing</td>
<td>412.27</td>
<td>448.90</td>
<td>488.15</td>
<td>556.89</td>
</tr>
</tbody>
</table>

Table 3: SAT Mean Scores for NUMATS Participants & High School Seniors

<table>
<thead>
<tr>
<th>NUMATS Participants</th>
<th>Males</th>
<th>Females</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>6682</td>
<td>6338</td>
<td>13,020</td>
</tr>
<tr>
<td>Reading</td>
<td>477.32</td>
<td>481.73</td>
<td>479.47</td>
</tr>
<tr>
<td>Math</td>
<td>520.27</td>
<td>488.70</td>
<td>504.90</td>
</tr>
<tr>
<td>Writing</td>
<td>449.54</td>
<td>469.83</td>
<td>459.42</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High School Seniors</th>
<th>Males</th>
<th>Females</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>499</td>
<td>494</td>
<td>496</td>
</tr>
<tr>
<td>Reading</td>
<td>499</td>
<td>494</td>
<td>496</td>
</tr>
<tr>
<td>Math</td>
<td>531</td>
<td>499</td>
<td>514</td>
</tr>
<tr>
<td>Writing</td>
<td>482</td>
<td>493</td>
<td>488</td>
</tr>
</tbody>
</table>
Sample Score Interpretation/Recommendation

If NUMATS students score:

480-580 on SAT-R    22-27 on ACT-Eng/Read
520-600 on SAT-M    18-23 on ACT-Math

- **Recommendations:**
  - compression of school courses into shorter time periods via curriculum compacting;
  - fast-paced summer classes in area of strength;
  - early access to advanced placement;
  - long-range academic planning;
  - early career counseling.
What to bring to the test

- Pencils
- Calculator
- Passport
- School ID
- Snacks
- Water bottle
What Not to Bring
Preparing for the test
Tips and content information given
- General Overview
- Math Overview
- English Overview

Cost: $30

Fee waivers available
How does my child qualify?

Qualifying scores for ATYP mathematics

SAT: Still to be determined

ACT: no prior algebra: Math ≥ 19 – combined (math+reading) ≥ 37
With one year algebra: Math ≥ 21 – combined (math+reading) ≥ 39
How does my child qualify?

Qualifying scores for ATYP language arts

**SAT**: Still to be determined

**ACT**: English + reading $\geq 46$ with neither below 22
## ATYP Timeline

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 6/7th Grade</td>
<td>Invitation to Consider ATYP</td>
</tr>
<tr>
<td>October to December 6/7th Grade</td>
<td>Sign Up for Northwestern University’s Midwest Academic Talent Search</td>
</tr>
<tr>
<td>January to March 6/7th Grade</td>
<td>Participation in Above-Grade-Level Testing</td>
</tr>
<tr>
<td>March to April 6/7th Grade</td>
<td>Scores Received in ATYP Office</td>
</tr>
<tr>
<td>May 6/7th Grade</td>
<td>Invitation to Qualifying Students to Attend Informational Meeting</td>
</tr>
</tbody>
</table>
Website: wmich.edu/atyp
Phone: (269) 387-3553
Email: atyp-info@wmich.edu