Fast Track

It is NOT just Math GRASP packets!

Any Questions or Concerns, please contact Rosemary Matt
Rosemary.Matt@Cayuga-cc.edu
<table>
<thead>
<tr>
<th>Types of Fast Track Programs:</th>
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<tbody>
<tr>
<td>FAST TRACK GRASP Math Distance Education packets (paper or electronic) utilizing NYSED/CUNY sixteen (16) HSE math modules for students choosing to learn from a distance model</td>
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<td>Six (6) hour intense math <em>instruction sessions made available evenings and/or Saturdays</em></td>
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<td>Two x Two sessions where two sub test (one math and one other sub area) areas of instruction will be offered, all following the NYSED/CUNY model for instruction</td>
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<td>Test taking skills and strategies, including reduction of test anxiety</td>
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<td>Computer based testing skills and strategies classes</td>
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<td>Community outreach campaigns</td>
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<td>Other customized Fast Track strategies designed by program staff (with NYSED approval)</td>
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Recording Fast Track Programming correctly will ensure:

- The EPE funded program will be credited for all Fast Track initiatives
- The students enrolled ONLY in Fast Track programming will NOT be included in the program’s National Reporting System (NRS) performance reporting
- All performance will be reported on the EPE Fast Track annual report card
1. Density, Part 1 & 2
2. Rigid Transformations: Shapes on a Plane, Part 1 & 2
3. The Power of Exponents, Part 1 & 2
5. Evaluate Algebraic Expressions & Solve Simple Equations, Part 1 & 2
6. Linear Functions, Part 1 & 2
7. Non-Linear Functions, Part 1 & 2
Fast Track GRASP Math Packets – where to find them?

www.CollectEdNY.org

Fast Track Math GRASP Packets

- Density, Part 2 (Density of Matter) · pdf (Dec 2018)
- Description of NYSED/CUNY Fast Track GRASP Math Learning Modules · url (Nov 2018)
- Rigid Transformations: Shapes on a Plane, Part 1 · pdf (Oct 2018)
- Rigid Transformations: Shapes on a Plane, Part 2 · pdf (Jan 2019)
- The Power of Exponents, Part 2 · pdf ()
- Tools of Algebra: Expressions, Equations, and Inequalities, Part 2 · pdf ()
NYSED wanted to identify the most challenging Math concepts that would be found on the TASC Math Subtest

The content of the Fast Track GRASP Packets was advised by the NYSED content specialist who had first hand knowledge of the TASC Math Subtest content

NYSED’s current pass rate on the TASC Math Subtest is the lowest of the 5 sections, NYSED is committed to improving the pass rate

NYSED contracted with CUNY under an MOU to build the packets and include these most challenging areas to give students the chance to learn these areas of math before taking the Math Subtest
Each Fast Track GRASP Math Packet includes:

- Complete lessons designed for self-teaching for students
- Examples demonstrating the concepts being shared
- Worksheets with practice items for students to use on their own
- Answer keys for any worksheets and quizzes within the packet so students can assess their progress

A designated section on the language skills needed to succeed with each math packet topic area
Permissible ways to use Fast Track GRASP Math Packets

- HSE Teachers providing instruction to students in a classroom setting
- HSE Teachers should use the packet information to “brush up” on the most challenging Math topics covered on the TASC and build their confidence in their classroom
- HSE Teachers should be very familiar with the content of each Fast Track GRASP Math Packet and use the materials to inform their instruction within the classroom
- HSE Teachers may decide to provide the packets electronically to their classroom students and assign the work in each packet to be completed OUTSIDE the classroom
  - Should the teacher decide to use this method, the lessons they teach within the classroom may mimic the content of the packets but CANNOT be identical
  - In these cases, the program records the seat time contact hours for the student as they normally would and can add the packet contact hours WHEN Appendix 6 is completed by the teachers indicating the student has completed work in the packet.
Permissible ways to use Fast Track GRASP Math Packets

- Students who have already taken the TASC Math Subtest and have failed that section
  - These students may or may not be enrolled in a traditional HSE preparation class but they can be provided the Fast Track GRASP Math Packets to use independently
  - A teacher must be assigned to these students and will assess their participation via the Appendix 6 document required for all Fast Track GRASP students
- Students who are preparing to take the TASC Math Subtest and may or may not be enrolled in traditional HSE preparation class
  - These students would receive one packet at a time (one every two weeks) and a teacher is assigned to the student to assess the Appendix 6 when the student indicates they are ready for the next packet
  - This may be particularly useful with students who are applying for a NYS HSE Diploma using Attachment R and are only in need of one or two TASC subtests
Appendix 6

FAST TRACK Math GRASP Packets

Student Record for Completion

School District or BOCES: ____________________________

Student Name: ____________________________

Packet was assignec: ___/___/___  ___ Electronically  ___ Paper

<table>
<thead>
<tr>
<th>Packet Name</th>
<th>Part I</th>
<th>Part II</th>
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</thead>
<tbody>
<tr>
<td>Density</td>
<td></td>
<td></td>
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<tr>
<td>Transformations: Shapes on a Plane</td>
<td></td>
<td></td>
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<tr>
<td>The Power of Exponents</td>
<td></td>
<td></td>
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<tr>
<td>Lines, Angles, &amp; Shapes: Measuring Our World</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaluate Algebraic Expressions &amp; Solve Simple Equations</td>
<td></td>
<td></td>
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<tr>
<td>Linear Functions</td>
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<td></td>
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<tr>
<td>Non-Linear Functions</td>
<td></td>
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<tr>
<td>Statistics &amp; Probability</td>
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</tbody>
</table>

Date Packet was completed: ___/___/___

Student should list the dates and amount of time spent on the material in the packet:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time (Hours) Worked</th>
<th>Date</th>
<th>Time (hours) Worked</th>
</tr>
</thead>
<tbody>
<tr>
<td>___</td>
<td><em><strong>/</strong></em> Hours</td>
<td><em><strong>/</strong></em></td>
<td>___-hours</td>
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</tbody>
</table>

Approximate Total time spent on the packet: ___ hours

STUDENT COMMENTS ON THIS PACKET:

Teacher Signature: ____________________________  Date ___/___/___
Once the student indicates they are finished with the Packet:
- The teacher assigned will assess completed Appendix 6
- If it appears the student has completed enough to understand the topic area well, the teacher can then sign Appendix 6

Appendix 6 with teacher signature indicates that 24 contact hours may be entered into ASISTS for that individual student
- A separate class code must be created to accept this information in ASISTS which will follow a distance learning formula whereby a “4” is entered indicating a completed Fast Track GRASP Packet
- ASISTS software will automatically multiply that “4” by 6 contact hours for a total of 24 contact hours
- If the student is also enrolled in a traditional HSE preparation class, the hours accrued through Fast Track GRASP Math Packets is automatically added to the student’s cumulative contact hours