## Math Department Summer HW 2020

<table>
<thead>
<tr>
<th>Grade/Course</th>
<th>Teacher(s)</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th</td>
<td>Chavez and Kimball</td>
<td></td>
</tr>
</tbody>
</table>
| 6th Grade          | Adam and Ellis      | 1. Students must enter 6th grade having graduated from Reflex  
                      |                             | 2. Optional Practice         |
| 7th Grade          | Lee and Gueldner    | None                                            |
|                    |                     | Optional work available - please email Ms. Lee and Mr. Gueldner with questions!  
                      |                             | (rlee@bostoncollegiate.org, kgueldner@bostoncollegiate.org) |
| 8th Grade          | Tablante and Arlauskas | Students will have online assignments posted to Google Classroom  
                      |                             | Students should join the classroom at Code: US2Q7YR |
| Integrated Math I (9th Grade) | Google Class Code: l4y2xaa | 1. [Form #1](#)  
                      |                             | 2. [Form #2](#)  
                      |                             | 3. [Form #3](#)  
                      |                             | 4. [Form #4](#)  |
| Integrated Math II | Khan Academy Code: AKPJBW2Y | Khan Academy Assignments  
                      |                             | Make sure to get at least 70% on each assignment.  
                      |                             | Numbers and Operations (8th grade)  
                      |                             |   ○ Square Roots  
                      |                             |   ○ Prime Factorization  
                      |                             |   ○ Classify Numbers: Irrational/Rational  
                      |                             |   ● Linear Equations and Functions (8th Grade)  
                      |                             |   ○ Ratios and Proportional Relationships  
                      |
| Integrated Math III | Class Code: MKS6HQ9A | **Khan Academy**  
Get a streak of five in a row for full credit. |
|---------------------|-----------------------|-----------------------------------------------------|
| ∙ Graph from Slope Intercept Form  
 ∙ Linear Equations in Any Form  
 ∙ Systems of Equations  
   ∙ System of Equations with graphing  
   ∙ Systems with substitution  
 ∙ Fractions, decimals, and percentages  
   ∙ Converting fractions to decimals  
   ∙ Percent Problems  
   ∙ Tax and tip wp  
 ∙ Area and Perimeter  
   ∙ Perimeter  
   ∙ Area of triangles  
   ∙ Area and circumference of circles  
 ∙ Pythagorean Theorem  
   ∙ Pythagorean Theorem applications  
   ∙ Pythagorean Theorem distance between two points  
 ∙ Special right triangles  
 ∙ Solve similar triangles (advanced)  
 ∙ Systems of equations with elimination  
 ∙ Systems of equations with substitution  
 ∙ Multiply monomials by polynomials  
 ∙ Multiply binomials by polynomials  |
<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor/Class Code</th>
<th>Tasks and Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreCalculus</td>
<td>Scheltz/Clarke gibbube</td>
<td>1. Form #1 2. Form #2 3. Form #3 4. Form #4 5. Form #5 6. Form #6</td>
</tr>
<tr>
<td>AP Calculus</td>
<td>Scheltz <a href="http://www.deltamath.com">www.deltamath.com</a> 790609</td>
<td><a href="http://www.deltamath.com">www.deltamath.com</a> 790609 is the teacher code. 10 correct in each category (they do NOT need to be in a row).</td>
</tr>
<tr>
<td>AP Statistics</td>
<td>Google Classroom 5m2cjuc</td>
<td>Complete the four Summer Work Assignments on Google Classroom</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>Google Classroom zb4jowk</td>
<td>1. Form #1 2. Form #2 3. Form #3 4. Form #4 5. Form #5</td>
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