

## Math Pathways

Based on HSPT score and grammar school grades, students are placed in Algebra 1, Algebra 1 Accelerated, or Algebra 2 Honors. From there, there is a great deal of flexibility to move to other pathways.

Starting in Algebra 1:

|                  | <b>Standard Path</b>             | <b>Calculus Path</b>     | <b>Calculus Path</b> |
|------------------|----------------------------------|--------------------------|----------------------|
| 9 <sup>th</sup>  | Alg 1                            | Alg 1                    | Alg 1 and Geo Waiver |
| summer           |                                  |                          |                      |
| 10 <sup>th</sup> | Geometry                         | Geo Acc*                 | Algebra 2            |
| summer           |                                  |                          |                      |
| 11 <sup>th</sup> | Alg 2                            | PreCalc Acc*             | PreCalc *            |
| summer           |                                  |                          |                      |
| 12 <sup>th</sup> | PreCalc or other senior elective | AB* or Regular Calculus* | Regular Calculus*    |

\* Prerequisites: A- or better in Alg 1, strong teacher recommendation, and Chair approval.

Starting in Algebra 1 Accelerated:

|                  | <b>Standard Path</b>                              | <b>BC Calculus Path</b>                                 | <b>BC Calculus Alternate Path</b> | <b>BC Calculus Alternate Path</b> |
|------------------|---------------------------------------------------|---------------------------------------------------------|-----------------------------------|-----------------------------------|
| 9 <sup>th</sup>  | Alg 1A                                            | Alg 1A                                                  | Alg 1A                            | Alg 1A and Geo Waiver             |
| summer           |                                                   |                                                         | Geo Acc                           |                                   |
| 10 <sup>th</sup> | Geo Acc                                           | Geom H*                                                 | PreCalc Acc*                      | PreCalc Acc*                      |
| summer           |                                                   |                                                         |                                   |                                   |
| 11 <sup>th</sup> | PreCalc Acc*                                      | PreCalc H*                                              | AB* or Regular Calculus*          | AB* or Regular Calculus*          |
| summer           |                                                   |                                                         |                                   |                                   |
| 12 <sup>th</sup> | AB* or Regular Calculus* or other senior elective | BC*, AB*, or Regular Calculus* or other senior elective | BC Calculus*                      | BC Calculus*                      |

\* Prerequisites: A- or better in Alg 1A, strong teacher recommendation, and Chair approval.

The BC Calculus Pathways can and should be used in conjunction with various pathways in the Science and T&E Departments.

Starting in Algebra 2 Honors:

|                  | <b>Standard Path</b>                                             | <b>Linear Alg Path</b>                     | <b>Linear Alg Path</b>                     |
|------------------|------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| 9 <sup>th</sup>  | Alg 2H                                                           | Alg 2H                                     | Alg 2H and<br>Geo Waiver                   |
| summer           |                                                                  | Geo Acc                                    |                                            |
| 10 <sup>th</sup> | Geo H*                                                           | PreCalc H*                                 | PreCalc H*                                 |
| summer           |                                                                  |                                            |                                            |
| 11th             | PreCalc H*                                                       | BC Calculus*                               | BC Calculus*                               |
| summer           |                                                                  |                                            |                                            |
| 12th             | BC*, AB*, or<br>Regular Calculus*<br>or other senior<br>elective | Linear Alg* or<br>other senior<br>elective | Linear Alg* or<br>other senior<br>elective |

The Linear Algebra Pathway can and should be used in conjunction with various pathways in the Science and T&E Departments.