

6th Grade Math Summer Assignment

Students transitioning from 5th to 6th grade math will need to complete the following assignment prior to the first day of the 2024-25 school year:

1. Practice 5th grade math skills on IXL. The more you practice, the better off you will be when you enter 6th grade math. Go to IXL.com, log into your account, click "Learning", then "Math", and go to 5th grade.

Be sure to practice the following topics: Fractions (add, subtract, multiply, divide), Decimals (add, subtract, multiply, divide), Converting between Fractions and Decimals, Mixed Numbers (add, subtract, multiply, divide), and Customary Units of Measurement.

**If you are new to CCA, please contact the school about getting an IXL account.

2. Upper school math classes (Algebra 1 -AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

7th Grade Math Summer Assignment

Students transitioning from 6th to 7th grade math will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your 6th grade Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice 6th grade math skills on IXL. The more you practice, the better off you will be when you enter 7th grade math. Go to IXL.com, log into your account, click "Learning", then "Math", and go to 6th grade.
3. Upper school math classes (Algebra 1 -AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Pre-Algebra Summer Assignment

Students transitioning from 7th grade math to Pre-Algebra will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your 7th grade Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice 7th grade math skills on IXL. The more you practice, the better off you will be when you enter Pre-Algebra. Go to IXL.com, log into your account, click "Learning", then "Math", and go to 7th grade.
3. Upper school math classes (Algebra 1 -AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Algebra 1 Summer Assignment

Students transitioning from Pre-Algebra to Algebra 1 will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Pre-Algebra Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice Pre-Algebra (8th grade) math skills on IXL. The more you practice, the better off you will be when you enter Algebra 1. Go to IXL.com, log into your account, click "Learning", then "Math", and go to 8th grade.
3. Upper school math classes (Algebra 1 -AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Geometry Summer Assignment

Students transitioning from Algebra 1 to Geometry will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Algebra 1 Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice Algebra 1 math skills on IXL. The more you practice, the better off you will be when you enter Geometry. Go to IXL.com, log into your account, click "Learning", then "Math,, and go to Algebra 1.
3. Upper school math classes (Algebra 1 -AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Algebra 2 Summer Assignment

Students transitioning from Geometry to Algebra 2 will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Geometry Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccaiax.org so that she can email you a blank Memory Card AND a filled in Memory Card.

2. IXL Review of Algebra 1 skills. A grade will be issued to students for this assignment. The goal is to reach a minimum SmartScore of 90 on each topic. These should be completed during the months of June and July.

Go to IXL.com, log into your account, click "Learning", then "Math", and go to Algebra 1. Complete the following skill topics (these are starred for returning CCA students):

ALGEBRA 1: K1, K2, C7, CB, C10, C12, A7, 14, X4, XS (10 total assignments)

**If you are new to CCA, please contact the school so that you can be given an IXL account to complete the assignment.

3. Upper school math classes (Algebra 1 - AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Precalculus Summer Assignment

Students transitioning from Algebra 2 to Precalculus will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Algebra 2 Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice Algebra 2 math skills on IXL. The more you practice, the better off you will be when you enter Precalculus. Go to [IXL.com](https://www.ixl.com), log into your account, click "Learning", then "Math", and go to Algebra 2.
3. Upper school math classes (Algebra 1 - AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

AP Calculus Summer Assignment

Students transitioning from Precalculus to AP Calculus will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Precalculus Memory Card (which includes Unit Circle material). Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice Precalculus skills on IXL. The more you practice, the better off you will be when you enter AP Calculus. Go to IXL.com, log into your account, click "Learning", then "Math", and go to Precalculus.
3. Upper school math classes (Algebra 1 - AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred

Math for College Algebra Summer Assignment

Students transitioning from Algebra 2 to Math for College Algebra (MCA) will need to complete the following assignments prior to the first day of the 2024-25 school year:

1. Study your Algebra 2 Memory Card. Be prepared to take a Memory Quiz during the first week of school over this material. If you are new to CCA, please contact Mrs. Anne Miller at amiller@ccajax.org so that she can email you a blank Memory Card AND a filled in Memory Card.
2. Returning CCA Students: Practice Algebra 2 math skills on IXL. The more you practice, the better off you will be when you enter MCA. Go to IXL.com, log into your account, click "Learning", then "Math", and go to Algebra 2.
3. Upper school math classes (Algebra 1 - AP Calculus) need to have either a TI - 83, TI - 84, TI-84 Plus, or TI-84 CE (color enhanced) graphing calculator.

**For Honors Precalculus & AP Calculus, one of the TI-84's is preferred