

# NeoCity Academy Summer Math



## ...Journey To Calculus...

**The Exam:** Incoming freshman to NeoCity Academy will be signing up via Calendly (see link below) to schedule a time to come and take our Journey To Calculus math exam during the month of May and June. This exam will take approximately 90 minutes to complete and will cover the following topics:

*Operations with Integers*  
*General Number Sense*  
*PEMDAS*  
*Operations Fractions*  
*Simplification of Fractions, Complex Fractions*  
*Simplification and Operations with Radicals*  
*Simplification of Expressions*  
*Exponent Rules*  
*Geometric Formulas*  
*Evaluate Functions*  
*Multiple Polynomials*  
*GCF of Algebraic Expressions*  
*Solving Linear Equations*  
*Solving Proportions*  
*Graphing and Equations (slope-intercept)*  
*Solving and Graphing Inequalities*  
*Systems of Equations*

[Click Here](#) to Sign Up for Journey to Calculus Exam or use the QR code below:



**The Course:** Shortly after your exam, we will be in contact with you regarding your results and what topics you need may need some additional support with. To help

with this support, our mathematics team at NeoCity has created an online, self-paced mathematics course (in Canvas). Don't worry – needing some additional support in a certain area is not a weakness or to be perceived as negative. We are simply helping you build the skills you will need to be a successful NeoCity Academy Knight. This process is in direct alignment with our standards-based grading approach; meaning, we expect all students to become proficient on every standard/topic that is taught in every class. It's important and should be a priority that you spend time working through these modules to become proficient on all topics that you were assigned to.

You will have access to course on June 7. In order to gain access, you will first need a Canvas account. We will create that account for you and email your username and password at the same time we email you about the results of your exam. Once you have your username and password, you will use the following link to self-enroll into the course:

<https://osceola.instructure.com/enroll/HE9RC4>

*\*Please note this course will not go live until June 7.*

**Why:** The ultimate math goal for every student at NeoCity Academy is to leave here with a passing AP Calculus math score. We have had conversations with many different universities about what they are looking for with regards to mathematics and one thing has been consistent – Calculus. We want to ensure that each student who starts here is math-ready on day 1. The topics mentioned above are what we have decided are crucial building blocks to starting your mathematics progression off to a good start.

**Support:** Our math team will be available for support this summer two ways.

1. Open Office Hours – You will have the ability to send messages in Canvas to the teachers. The teachers will respond to any questions you may have.
2. Live Team Sessions – Every Tuesday from 3-5 through the end of July, you will have the ability to login to a live session via Microsoft Teams with one of our math teachers.

Parents – At the halfway point of the summer (approximately first week of July), one of our math teachers will be reaching out to you via email with a status update of how your student is progressing through the summer coursework.

**Next Fall:** When you start school in August, our math team will administer the Journey to Calculus math exam a second time to check the growth you've made during the summer. Obviously, the goal is to see you have become proficient on every topic throughout this summer. However, if you still need help on a few topics, we will still offer support to make sure you become proficient on these important math building blocks.

