

Name:

Date:

Class:

Team:

Student #:



## Math III Honors-Unit 2-Functions & Their Inverses

### Coming Attractions Unit Calendar

**Unit Focus:** I will teach specific concepts on specific days, but students may move at their own pace on Khan Academy within this unit and can also work ahead.

**Directions:** Students use this sheet every day. This sheet is due on the day of the test. Each online activity is worth 10/ points (total). Complete a Video notes/Khan Academy Show What You Know Answer Sheet for each task you complete in the boxes on the right. Khan Academy time commitment: No more than 1 hour.

Date Assigned	Activity/Assignment	Stamp/Signature
Thur. 1/17	2.1 Types of Functions/Finding Inverses Algebraically CA-Spiral Review 2.1	
Mon. 1/21	Martin Luther King Holiday	
Tues. 1/22	2.2 Inverses of Linear Functions/Function Operations CA-Spiral Review 2.2	
Wed. 1/23	2.3 Inverses of Quadratic Functions/Function Operations CA- Ready, Set, Go Activity	
Thur. 1/24	2.4 Inverses of Exponential Functions CA-Khan Academy Tasks	
Fri. 1/25	2.5 Finding Inverses of Functions CA-Spiral Review 2.3	
Mon. 1/28	2.6 Multiple Representations of Inverse Functions CA-Ready, Set, Go Activity	
Tues. 1/29	Unit Review CA- Unit Review & Study for Test	
Wed. 1/30	<b>Unit Assessment</b> CA-None	

**January Tutoring Days:** Tutoring is by appointment on Thursdays 1/24 from 2:30 to 3:30 pm. You must sign up by the end of the school day on Wed. 1/23 and be picked up promptly by 3:30 pm.



It's kind of fun to do the impossible. ~ Walt Disney

#### Khan Academy Unit Playlist (REQUIRED):

**Directions: Initial the date you complete each task below in order.**

- Evaluate Inverse Functions
- Find Inverse Functions
- Verify Inverse Functions.
- Determine if a function is Invertible
- Restrict domains of functions to make them invertible
- Samples and Surveys

#### Google Classroom (REQUIRED)

**Directions: Check daily posts. There are videos for each lesson. Complete notes, summary, & question on paper and submit via Google Classroom.(CLICK DONE)**

#### Website:

[nyoungmath.weebly.com](http://nyoungmath.weebly.com)

#### Google Classroom:

Daily assignments can be accessed through Google Classroom with your Wake County student email login.

Email: [nyoung@wcpss.net](mailto:nyoung@wcpss.net)

\*Homework assignments are subject to change.

\* Non-online homework completion will be recorded via Class Dojo.

\*Graded late work will be accepted up to 2 days following the original due date.

\* When you are absent, you are responsible for making up missed work.

Name:

Date:

Class:



## Math III Functions Mini-Math Storybook



**Who:** Math III Honors students

**What it Means:** The idea of this activity is for students to create a mini storybook for Math I/II students to assist them in understanding functions, systems of equations, and systems of inequalities. A good mini-storybook should be colorfully illustrated and legible. This will primarily be an in-class assignment.

**What Must Be Done:** Students will create a mini-storybook book teaching a student how to evaluate, solve and graph various types of functions. The mini-book should include a cover/title page and at least 5 pages long. It must be colorfully illustrated, include characters and a plot, be legible, and creatively present how they would solve the given math in math problems. In addition to supply kits, there will be a table set up with supplies to use for your mini-book(You may use your own supplies). The mini-book does not have to be made from expensive materials, but it must look professional (It can be done on white computer paper or construction paper.).

### Requirements for Project:

\_\_\_\_\_ rubric signed by student/parent (1/8/18)

\_\_\_\_\_ 5 pages with detailed written steps how to solve the given problems

\_\_\_\_\_ 5 pages with all problems worked out accurately

\_\_\_\_\_ 5 pages illustrated, legible, appropriate story characters/plot/theme, professional-looking

\_\_\_\_\_ Storybook due (1/19/18)

**Assigned:** January 3, 2018

**Ideas Due:** January 10, 2018

**Mini-story book Due:** Fri. January 19, 2018

**While it seems like there is a lot of time to complete this project, please do not procrastinate! Use your time wisely, ask questions!! You will be given time in class each day to work on and/or putting the finishing touches on your project (THIS IS YOUR TIME TO ASK QUESTIONS!).**

*\*Feel free to check out this website to help you create your Storybook/Comic Strip Project.*

<http://www.readwritethink.org/classroom-resources/student-interactives/comic-creator-30021.html>