

# Getting Started with Math OER

Below are some resources and tips on how to get started with the adoption of OER for math in relation to the ZTC Math grant:

1. This project utilizes the OpenStax textbooks when possible. You can find them at: <https://openstax.org/subjects/math>
2. The online homework system that is used is MyOpenMath. Here are the steps to use MyOpenMath:
  - a. <https://www.myopenmath.com/>
  - b. Click on request an instructor account towards the bottom of the page.
  - c. Wait until you are granted the account. This could take a couple of days.
  - d. Browse through the support course and the training course.
  - e. Set up your classes. The ZTC project has created courses for each of the following:
    - i. Beginning Algebra: Course ID = 32301 This course is pretty clean as most of the questions were imported from well used courses.
    - ii. Intermediate Algebra: Course ID = 32302 (skip around) or 36125 (embedded). Skip around and Embedded are two different formats for the assignments. This course is pretty clean as most of the questions were imported from well used courses.
    - iii. Precalculus/College Algebra: Course ID = 33857 This Course is completed, but is currently being looked over to check for any possible errors. The first one third has been tested by live students.
    - iv. Calc 1 and 2: Course ID = 30585 This course is pretty clean as questions were imported from previous courses and many new questions have been written to mirror the questions from the Calc 2 book.
    - v. Calc 3: Course ID = 30873 The course is completed and is pretty clean and it has been piloted by a class of live students.
    - vi. Linear Algebra: Course ID 32534 Still a work in progress. Will not be ready until at least Fall 2019, but it will only handle the algorithmic part of the course.
    - vii. Differential Equations: Course ID 31876 A work in progress. May be ready by April 5, 2019.
    - viii. Elementary Statistics: Course ID = 29564 (by chapter) Course ID = 29323 (by section). Course completed and tested by hundreds of students. The course is very clean.
  - f. Import the MyOpenMath course into Canvas. Watch the video on it here: <https://youtu.be/t-fNa0d9vQw>
3. Links to other Resources:
  - a. Desmos: <https://www.desmos.com/calculator>
  - b. CalcPlot3D: <http://www.monroecc.edu/faculty/paulseeburger/calcnfs/CalcPlot3D/>

- c. Symbolab: <https://www.symbolab.com/>
- d. Wolfram Alpha: <https://www.wolframalpha.com/examples/mathematics/>
- e. OER Math Videos: [mathispower4u.com](http://mathispower4u.com)