Please feel free to utilize the Power Math Camp resources below.

GateWay Community College Power Math Camp Site
www.gatewaycc.edu/powermathcamp

Power Math Camp Canvas Course
https://canvas.instructure.com/enroll/F3YN9R

For additional info, please contact us!
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Power Math Camp

A Brief Overview

Power Math Camp is a free opportunity for any student of the Maricopa Community Colleges – and beyond – to review essential math skills and build confidence. Students participate in the camp to review concepts for the placement test or upcoming courses. Originally developed in 2013 at GateWay Community College, Power Math Camp has evolved to meet the ever-changing needs of the College and the District since its inception. While still being offered in its original face-to-face format before each semester and summer session, it has also been modified to serve students in a summer bridge program called LIFT. Most recently, Power Math Camp has also been made available online, enhanced with short video tutorials and quizzes for instant feedback. To date, Power Math Camp in one of its three forms has reached well over 1,500 students.

Below are additional details regarding the three different formats, all of which are made available at no cost to students:

1. **Power Math Camp In Person:** As it was originally intended, Power Math Camp is still offered in person three times a year. It is offered on GateWay’s campus in January, May, and August. These times are intentionally set to be one to two weeks before the semester begins. This allows Power Math Camp to not only benefit a student continuing from one level of math to the next, but also the student that hopes to take or re-take the math placement test before enrolling in a math course.

2. **LIFT Power Math Camp:** Summer 2016 marked the fourth offering of LIFT Power Math Camp, a special three-week Camp devoted to students enrolled in GateWay’s Learn and Invest in your Future Training (LIFT) Program. In this format, underrepresented and at-risk students that have just graduated from high school get a chance to refresh their math skills and then retake the math placement test. In the past four summers, LIFT Power Math Camp has helped 218 students skip 233 math classes, saving close to $80,000 in tuition alone.

3. **Power Math Camp Online:** The online version was first made available in Spring 2015. Though support from a Maricopa Center for Learning & Instruction Learning Grant, a Canvas course was created, making Power Math Camp accessible to any student at any time. This also allowed Power Math Camp to reach a broader audience; a student at any of the Maricopa Community Colleges can enroll in the Canvas course and access written explanations, video tutorials, pen-and-paper practice, online quizzes, discussion boards, etc. To date, there are over 1,275 students enrolled in the Canvas course.
Power Math Camp
FREE Math Review for Classes and Placement Test

A Chance To Be In the Students’ Shoes

What if your college math experience was dependent upon your answers to the following three questions? Although this comparison is a bit extreme, many prospective college students today are not aware of the importance of placement test scores as it relates to the number of math courses needed. Multiple measures are being used at some campuses, yet there are plenty of colleges where placement tests alone determine the math sequence for a student. Please take a moment to try these problems, taken from the sample ACCUPLACER (available at http://accuplacer.collegeboard.org):

**Problem #1 – Arithmetic**

Erica bought $3 \frac{1}{2}$ yards of fabric. If she uses $\frac{2}{3}$ of the fabric to make a curtain, how much will she have left?

A. $\frac{1}{6}$ yd.
B. $\frac{1}{3}$ yd.
C. $1 \frac{1}{6}$ yd.
D. $2 \frac{1}{3}$ yd.

**Problem #2 – Elementary Algebra**

In the figure below, both circles have the same center, and the radius of the larger circle is $R$. If the radius of the smaller circle is 3 units less than $R$, which of the following represents the area of the shaded region?

A. $\pi R^2$
B. $\pi (R - 3)^2$
C. $\pi R^2 - \pi \times 3^2$
D. $\pi R^2 - \pi (R - 3)^2$

**Problem #3 – Elementary Algebra**

On Monday, it took Helen 3 hours to do a page of science homework exercises. The next day she did the same number of exercises in 2 hours. If her average rate on Monday was $p$ exercises per hour, what was her average rate the next day, in terms of $p$?

A. $2(p + 1)$ exercises per hour
B. $3(p - 1)$ exercises per hour
C. $\frac{2}{3}p$ exercises per hour
D. $\frac{1}{2}p$ exercises per hour