

Metropolitan Community College piloted EdReady to help Adult Basic Education students prepare for the GED math test. After seeing a 100% pass rate, they've scaled it to all their ABE math students.

Background

Metropolitan Community College (MCC) in Omaha, Nebraska, is a public, two-year college. They offer a GED program to local adults who have not earned a high school diploma and who would like to increase their academic skills on their way to earning the GED or preparing for post-secondary education. The GED courses are free for the students and are offered at various locations throughout the city of Omaha.

The GED covers science, math, language, and social studies. Since early 2016, MCC has been using EdReady Math to help students prepare for the math section of the GED.

As preparation for the GED, students typically take the Test of Adult Basic Education, or TABE, to get an indication of where they are starting academically. The TABE is offered in four levels:

- E, or Easy, corresponds to academic work in grades 2 and 3. Scores range from 2 to 24
- M, or Medium, corresponds to academic work in grades 4 through 6. Scores range from 7 to 23
- D, or Difficult, corresponds to academic work in grades 6 through 8. Scores range from 10 to 21
- A, or Advanced, corresponds to academic work in grades 9 through 12. Scores range from 12 to 25

Implementation

At MCC, EdReady was piloted as the primary curriculum in a math-only class that met twice per week for 80 minutes - a total of 160 minutes per week. Instructors in the pilot classes were asked to make sure the students were working in EdReady for at least 120 minutes each week, leaving 20 minutes of each class session for warm-ups, reviews, or direct group instruction on a shared topic of interest. Otherwise, students were working in their learning path and instructors circulated the room for

point-of-need intervention. Students were also encouraged to log in from home or the lab for extra study minutes.

TABE Score Gains

MCC was able to track a cohort of 19 students who piloted EdReady as their primary math curriculum in their GED courses from Fall 2016 to Fall 2017. These students all reached the EdReady target score, which MCC had set to 100 out of 100. The average EdReady math initial diagnostic score for these students was 34.53 out of 100, so they had a lot of material to learn before hitting the target score. Students are offered the TABE after each quarter to gauge their progress and their readiness for the GED math test. Some students reached the EdReady target more quickly than others, after either 40, 80, or 160 hours of instruction (about 40 hours per academic quarter).

Of the 19 students, seven have gone on to take the GED Mathematical Reasoning Test, and all seven (100%) passed. For the other 12 students, some have not yet taken the test and others left the program before taking it. For the seven students who passed, the details of their TABE score progress, and their EdReady initial and final scores, are shown below.

Student	Pre-TABE Winter '16-'17 Version, Score		Post-TABE #1 Winter '16-'17 Version, Score		Post-TABE #2 Spring '17 Version, Score		Post-TABE #3 Summer '17 Version, Score		Post-TABE #4 Fall '17 Version, Score		EdReady Initial Score	EdReady Final Score
Student A	10D	9.4	9A	12.9							37	100
Student B	9D	7.8	10D	8.4	9D	11.8					51	100
Student C	10M	7.6	9D	11.2	10D	10.4					50	100
Student D	9D	10.1	no score		9D	9.4					30	100
Student E	10M	7.6	9D	9.6	10D	10.1	no score		9D	11.8	62	100
Student F	9D	7.2	10A	7.1	9D	7.7	10D	9.2	9D	10.4	24	100
Student G	10M	5.7	9M	7.5	10M	7.5	no score		10 M	8.1	43	100



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DETAILS

WHO WAS SERVED: Adult Basic Education students studying for the math section of the GED

WHEN: Academic Year 2016-2017

NUMBER OF STUDENTS: 19

INSTRUCTIONAL APPLICATION: Classroom-based primary math curriculum

What's Next?

After getting such great results with the pilot, MCC rolled out EdReady with all their Adult Basic Education students who are studying math. In 2018-2019, of the 28 students who completed all four GED tests, 23 (82%) passed the math test on their first attempt.