



MATH STUDENTS LEARN VALUE OF EFFORT AND MINDSET IN THEIR STUDY OF MATH

JKHA prizes experiential learning. We inculcate the values of our Jewish traditions not only through learning but also through the active joyful expression of our traditions that permeates our halls. We try to teach our students science by doing science. So to, at JKHA, we teach students math by having students do math.

At JKHA math is regarded as a vital subject where students learn to organize their thinking, to work in an ordered step by step process, and to use problem solving skills in order to achieve a goal. We hope that the methods that we teach in our math class will render all of our students more effective across our curriculum and beyond.

In ways that are surprising and well researched, math is one of the most emotional subjects for students. Too often students will say that they are not good at math and give up. At JKHA, following the research of Dr. Carol Dweck we teach our students about the importance of a “growth mindset” as opposed to a “fixed mindset.” A fixed mindset suggests that people are born with certain talents and that students should only explore those things that they believe they are “good at.” A “growth mindset” suggests that it is hard work and effort that is the most important ingredient to the success students.

At JKHA, employing researched best practices, we hope to teach our students that making mistakes and getting things wrong is basic to the learning process. Before Michael Jordan became Michael Jordan he was cut from his varsity basketball team in high school.

As an ideal and a skill we teach our students in math the critical value of effort and mindset and with those foundations we teach our students the skills they will need to thrive in the competitive academic and economic environment of the 21st century.

If you are interested in learning more about how conceptions of math education are being transformed, please feel free to click on the link below.

