

MATH

INFO YOU SHOULD KNOW

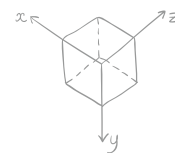
Only **1 in 5**

students whose highest High School math course was Algebra 2 earned a 2- or 4-year college degree or an industry certificate*

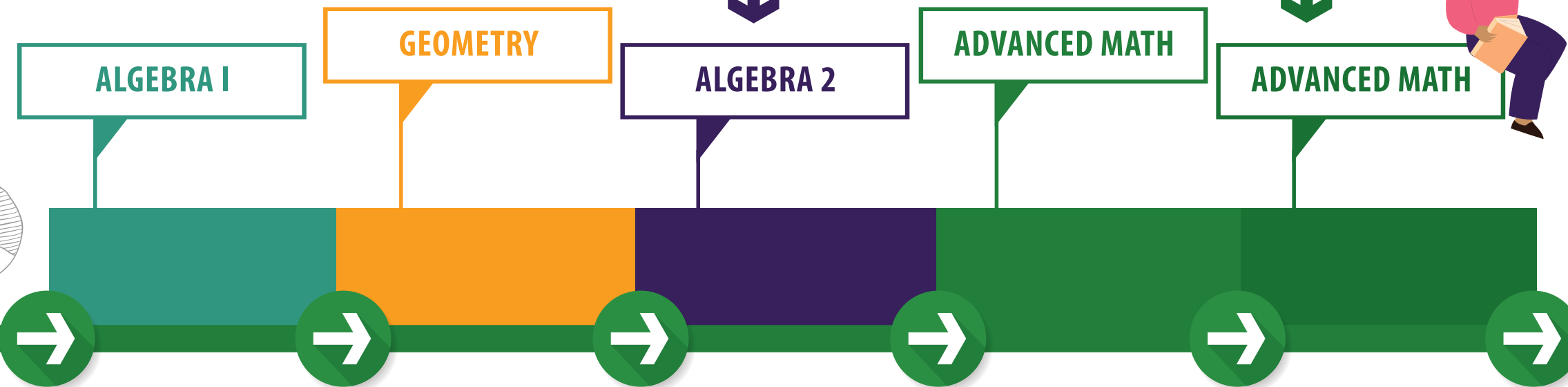
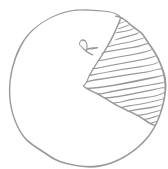
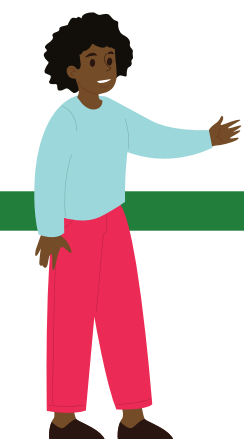
$$2+2=3$$

Students who take **2** math courses beyond Algebra 2 are **3** times more likely to graduate from college*

$$\begin{cases} x+y=2 \\ 2x+5y=1 \end{cases}$$



Completing Algebra 1 by the end of 8th grade opens opportunities for more rigorous math in High School and Postsecondary.



Taking Advanced Math in Middle & High School empowers students to:

- Experience math that complements career goals
- Learn problem-solving and critical-thinking skills valuable in any career
- Apply earned credits toward a 2- or 4-year technical school or college
- Prepare for high-demand, high-wage jobs
- Tackle real-world tasks like personal finances

→ All students should take four years of math in high school!

* within 6 years of High School graduation

$$\sin 2d = 2 \sin d \cdot \cos d = \frac{2 \operatorname{tg} d}{1 + \operatorname{tg}^2 d} = \frac{2 \operatorname{ctg} d}{1 + \operatorname{ctg}^2 d}$$

