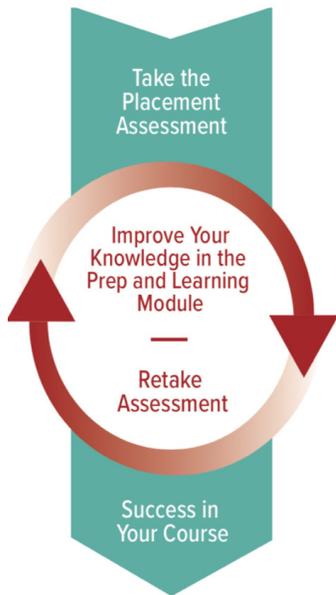




**Success in college** begins with appropriate course placement. A student's first math course is critical to that success.

**Challenge:** As institutions strive to increase success rates in mathematics, the methods used to place students are increasingly evaluated across the country. Because many traditional placement methods inconsistently predict student success in mathematics, students are often over- or under-placed, resulting in low pass rates, high student tuition costs, and low graduation rates.

**Solution:** With a unique combination of adaptive assessment and personalized learning, ALEKS Placement, Preparation and Learning (PPL) accurately measures a student's mathematical foundation and creates a personalized learning module to review and refresh lost knowledge, saving time and money.



### Targeted and Personalized Learning

- 12 months of access to a personalized prep and review module
- Strengthen mathematical background knowledge in learning mode
- Learn and master new topics
- Opportunity to re-assess
- Potentially place higher

### Research Based, Accurate Assessment

- Based on Knowledge Space Theory
- Developed from NSF funding
- Domain contains 314 topics
- Average completion time in 90 minutes or less
- Determines readiness from Basic Math to Calculus 1
- Access to 5 assessments within 12 months



Students who spend an average of **6 hours** in the Prep & Learning modules often place one course higher

### Proven Outcomes

- ALEKS PPL scores are a statistically significant measure of course success, University of Illinois
- 22.5% increase in student retention, Harper College
- 21% increase in STEM enrollments, Iowa Central
- 15% decrease in DFW rate, Oklahoma State
- \$1,000,000 saved in student tuition, Utah Valley University
- Supporting 650,000 students at over 350 accounts annually
- Recognized by Mathematical Association of America as a "Best Practice" for placement, University of Illinois

### Return on Investment

- + Increase graduation rates
- + Increase student retention
- + Decrease DFW rates
- + Save students time and money



### = Institutional Savings

every 5% increase in success rates equals **approximately \$50,000 savings**