WIN | Career Readiness Courseware & Credentials

WIN Math Courseware

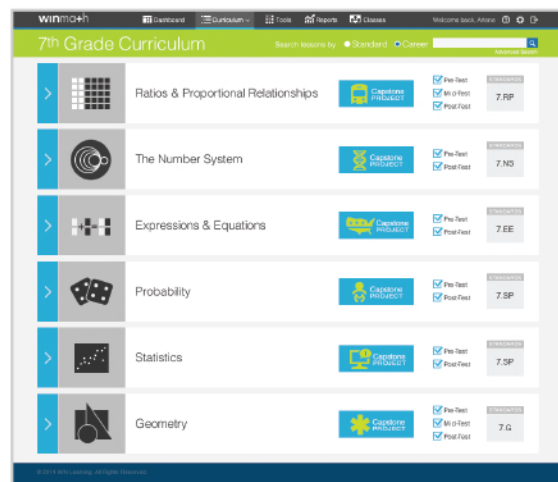## Math-Focused Capstone Projects Linked to 16 Career Clusters

Rigor and Relevance: Presenting Math in the Context of Careers

WIN Math is a career-based, middle grades mathematics and workplace skills solution aligned to state standards and local objectives. Through a project-based framework, students collaborate to apply math concepts tied to real-life scenarios in the context of relevant career opportunities.

WIN Math is organized around the domains addressing each of the 16 career clusters with emphasis on STEM (science, technology, engineering, and mathematics) and high demand occupations. Within each of the 21 Capstone Projects, students collaborate to solve problems by applying critical thinking skills in the context of real occupations such as mechanical engineer, construction manager, or electrician. Each project includes a cumulative mission or 'final project' that portrays relevant aspects of mathematics in the world of work.

Connections to the Real World

Using the WIN Digital Teaching and Learning Platform, teachers facilitate instruction through a blended learning model introducing the project objective, relevant career cluster and occupation, career context, and mission. Teachers have the flexibility for whole group, small group, or personalized instruction in a career-infused context. Detailed teacher guides, answer keys, and scoring rubrics are embedded in the platform.

winma+h
Career Infused Capstone Projects

The WIN Learning Platform supports computer-intensive, teacher-directed classrooms with differentiated and personalized instruction. Teachers have access to all capstone projects that span content from grades 5 to 8. Aspirational as well as practical career paths have been chosen in order to engage students and to provide real-world incentives for learning.

winlearning.com

WIN Math—Engaging Real-World Projects includes:

- **Developing a Marketing Plan**
- **Building a 'Green' Blueprint**
- **Plotting Python Movement**
- **Designing Product Packaging**
- **Creating a Property Valuation Plan**
- **Identifying Advertising Plans with Social Media**
- **Determine a Budget for Federal Children's Vaccine Program**

Students tackle challenges and produce products such as marketing plans or performance charts to mimic what might be required in a workplace setting. Forming the curriculum around business and industry skills and recognized career clusters engages learners with relevant and real world connections.

WIN Math provides rigorous mathematics instruction in the context of both careers and real-world problems, which helps students to not only understand the WHY, but also create deep, meaningful, long-lasting connections with math.

Through the engagement of the career-infused capstone projects, students are faced with authentic problems found in the workplace, Using learning trajectories and the understanding of differences in skill levels and varying progression rates, projects are connected to math standards in a useful way, and learning is differentiated according to student need.

About WIN Learning
Since 1996, WIN's integrated approach to career readiness has given more than 10 million learners worldwide the tools, confidence, and skills necessary to excel. Our e-learning solutions include academic and employability skills courseware, assessments, and credentials as an important foundation for creating a more effective and efficient system to prepare learners and job seekers for career and life success.

Digital Teaching Platform

WIN Math provides teachers with lesson planning tools to construct and deliver engaging lessons in a career context. Students in grades 5 through 8 are immersed in the transfer of knowledge through collaboration with others and independently to deliver a final project to share and present.

In addition to the robust capstone projects, WIN's Digital Teaching Platform includes online assessments as both a formative and summative assessment resource to further guide in-class instruction. WIN Math also offers a host of online tools that teachers can incorporate into whole and small group instruction.

Teaching and Learning with WIN Math Blended Learning Solution

Digital content and assessments are available as teaching tools and student learning activities.

Comprehensive networked environment includes interactive interfaces for both teachers and students.

Real-time, teacher-facilitated interactions with students on their own devices provide deeper engagement in the classroom.

Let's WIN Together. Contact Us!
888.717.9461 (Toll Free)
865.717.3333
info@winlearning.com

- facebook.com/winlearning.com
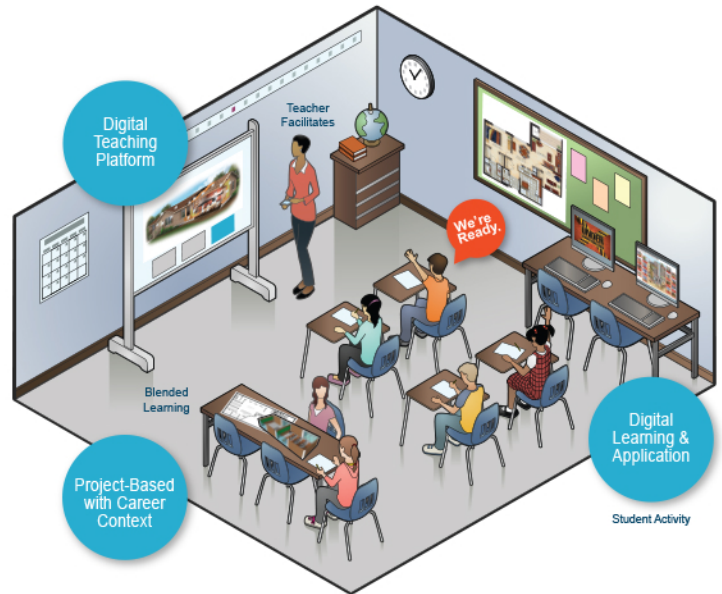- twitter/@winlearning_
- linkedin.com/company/winlearning
- instagram.com/winlearning

win