



LESSON 3.11 Math Fact

Module #3: Making the Grade

Academically, the ninth grade year often defines a student's entire high school experience. Therefore, it is imperative that all freshmen get off to a great start with their academic work. This can be accomplished through the teaching of study skills, note taking skills, and learning styles and through an increased awareness of resources available to build academic success.

Enduring Understandings

- I. **Academic success in high school requires a toolbox equipped with skills and strategies to use in navigating the completion of academic coursework.**
- II. Knowing about, understanding, and using the many academic resources available will increase the likelihood of a successful high school experience.

Essential Questions

- I. What are habits of mind and how will they help me? (I)
- II. **What can I do to ensure my academic success in high school? (I)**
- III. What resources does my high school have available to help build my academic success? (II)

Lesson Objective(s)

Students will learn a fact, process, skill, or action that is often missed in the core content area of mathematics.

Lesson 3.9

Lesson 3.10

Lesson 3.11

Lesson 3.12

Lesson 3.13

Directions:

1. Prior to conducting the lesson, consult with your school's math department to identify the most common mistake ninth grade students make in mathematics. Work with math teachers to develop a fun, yet informative, activity that will highlight this "skill," and hopefully, lessen the likelihood that these students make the same mistake.
2. Implement the activity as designed by your math teachers.

Materials & Supplies

Materials/supplies will vary based on the activity designed by your school

FOCUS
POINT

It may seem silly to take something completely out of context and teach it as part of Freshman Focus – but you may just be surprised. Just because it is so "out of the ordinary" – there's a pretty good chance your freshmen will remember it!

- There are many good books in the market aimed at teenagers that can be a great enhancement to this module.
- Two texts we suggest:
 - *7 Habits of Highly Effective Teens* - Sean Covey
 - *Seven Secrets of How to Study* - Stephen Jones

resources
&
extension