

Challenges of After School Tutoring

It is no secret that a typical student's after schedule has become hectic and unpredictable. Summit Interactive understands that finding a tutor to fit into this schedule can be both difficult and expensive.

In response to the growing need for math tutorials in the home, Summit Interactive has released The Ascend Math Solution – an online math tutorial provides an individualized instruction plan alongside the tutorials a student needs to conquer math concepts.

Ascend automatically saves your place. When you restart Ascend, you will begin exactly where you left off.

What is the Ascend Math Solution?

This unique learning system is a web-based math tutorial that goes far beyond drill and practice. Ascend evaluates a student's individual needs, automatically outlines a learning path that is based on specific state or national standards, and provides all of the instruction a student needs to learn core mathematical concepts.

Ascend allows parents and students to make valuable use of their time, even in today's busy after-school environment. Ascend is web-based so it is always available. It is like having a personal tutor that works around your schedule for a fraction of the cost. Also, because Ascend customizes your learning path, you only concentrate on the skills you need – not the ones you already know.

Begin using Ascend for as little as \$ 14.⁹⁵ or save by purchasing a year of Ascend for \$ 39.⁹⁵

Subscribing to Ascend

You are given access to Ascend based on the length of your subscription, not what lessons you cover. This makes Ascend a true self-paced program.

The first time you log on to Ascend, you pick a grade level as a starting point. The grade plans have up to 70 lessons per grade. Ascend begins at 3rd grade and goes through the 9th grade. All of the lessons within Ascend are based on national or state standards.

You may also choose a generic Basic Math (147 lessons) Review or Algebra I Review (116 lessons).

How Ascend Works

To begin using Ascend immediately go to sieducation.com

The first time you log on to Ascend, you will be asked to confirm your grade level and login information. This gives Ascend a point from which to start building a learning path customized to fit your specific needs.

Ascend assesses your needs based on results of a short quiz presented the first time you log on. This quiz will determine your skills and outline a learning path based on concepts you still need to master.

Upon completion of the quiz, you will follow the *Ascend Math Solution Five Step Learning Method*: Print & Read, Watch to Learn, Explore to Understand, Practice to Remember, and Review to Master.

1. **Study Guide** **Print & Read**
These printable study guides provide a printed overview, a reminder of the video lesson as well as offering “pencil and paper” practice problems.
2. **Video** **Watch to Learn**
The video will launch and play instruction from Elayn Martin-Gay, an award winning instructor.
3. **Explore** **Explore to Understand**
This launches a math simulation to allow a student to get a “hands-on” feel for the lesson explained in the video.
4. **Practice** **Practice to Remember**
These are practice problems that give immediate feedback on your progress.
5. **Review** **Review to Master**
The Review is a printable supplement to the video lesson with additional explanations and examples.

Ascend allows you to check your progress at any time – from any computer connected to the internet.

After you complete the lesson, you are asked a few short questions over the material. If your score above a 70%, Ascend automatically directs you to the next learning objective. If you score lower you have the option to review the material and try again, or skip the lesson altogether and try it again later.

Ascend will track your progress through the lessons so you know which objectives you have completed, and which ones remain.

**Example of how a student moves through Ascend:
A selection from a 7th Grade Learning Path**

Take a short quiz to determine skills and weaknesses on a Whole Numbers Operations unit

Whole Number Operations

1. Introduction to Exponents
Show your knowledge & advance to the next lesson
2. The Order of Operations
Show your knowledge & advance to the next lesson

Take short quiz to Determine Skills and weaknesses on a Whole Number Estimation, Factors, and Multiples Unit

Whole Number Estimation, Factors, and Multiples Unit

1. Whole Numbers as Products of Prime Numbers
Show your knowledge & advance to the next lesson
2. Greatest Common Factor
Show your knowledge & advance to the next lesson
3. Least Common Multiple
Show your knowledge & advance to the next lesson