

Algebra Readiness

Connecting Students to Essential Concepts for Success in Algebra

How do you feel about math?

Learning math, especially Algebra, can be very intimidating and even cause severe anxiety in some students. Many students wish that they could have someone whisper helpful hints to them as they do their math homework. Have you heard a student ask, “When will I ever use this?”

Stop the anxiety!

VTVLC’s Algebra Readiness Program gives students extra support when they need it. Videos, examples, reading and interactive animations help students by guiding them through basic skills, while building confidence and competency in sixteen pre-algebra topics. Students are pre-tested and post-tested with each topic to demonstrate their growth and provide real-time data on their progress.



Ready to succeed

The VTVLC Algebra Readiness Program will provide students who have been identified as struggling learners, not making AYP, or students with disabilities in math, the opportunity for self-paced alternative pathways for gaining competency in Pre-Algebra concepts. This program will support students to gain confidence in math, while demonstrating specific growth in math concepts aligned with state standards and Common Core. For more information, please contact VTVLC at (802) 885-8331 or by email at info@vtvlc.org.

Help when you need it: Sometimes, if you haven’t used a concept in a while, you forget exactly how the process works. The program allows students to login and look at exactly the topic that they need help with, when they need it.

Work in class or at home: Teachers can have students work on topics during class as needed for support. Students can also login from home for more help when they need it with difficult concepts.

Access from anywhere: Algebra Readiness Program allows students to learn from anywhere, anytime, using lessons that are presented in a variety of ways to make it easier to learn.

NEW! Algebra Readiness has been GAMIFIED! Students now level-up with BADGES for each mastered topic!

Module Challenges
Students build confidence by taking pre-challenges, completing interactive tutorials, and example problems in preparation to master the *Module Challenges*.

Segment Challenges
After every four module challenges, students can earn a *Segment Mastery Badge*, demonstrating that they are retaining the knowledge that they have gained.



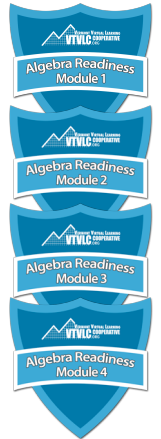
Program Master!
After students have mastered all the program levels, they can tackle the *Program Challenge*. Earning the Program Master Badge indicates the student is prepared to meet the challenges of whatever Algebra can throw at them!

All badges are **Mozilla Backpack** compatible and include the metadata for completion indicators.

SEGMENT ONE



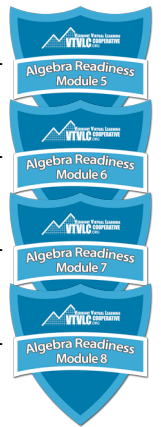
Prime Factorization-
Least Common Multiples and Greatest Common Factors-
Introduction to Fractions-
Multiplying and Dividing Fractions-



SEGMENT TWO



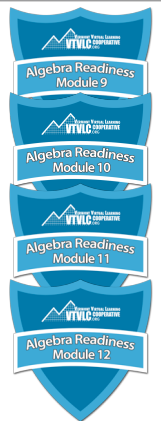
Adding and Subtracting Fractions-
Decimals-
Percents-
Converting Fractions, Decimals and Percents-



SEGMENT THREE



Exponents-
Square Roots-
Integers-
Order of Operations-



SEGMENT FOUR



Absolute Value-
On-step Linear Equations-
Ratios, Rates and Proportions-
Plotting Coordinates-

