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The Benefits of Adaptive Learning Math Games in the Classroom by Jim Wheelin

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As a teacher, you already know that students fall across a very broad spectrum when it comes to proficiency with mathematics. Some students already have a solid base and understand basic concepts, while others are somewhat behind. When it comes to learning new concepts, some students pick things up immediately, while others struggle to retain new information. It's not easy to juggle the needs of so many different students, but one thing that can help is the use of online math games. However, you shouldn't introduce random online math games to the classroom. Instead, you should seek out math games that incorporate and encourage adaptive learning. You can learn more about adaptive learning and why it's so important by checking out the following information.

Different Abilities and Skills

Elementary school students all have different abilities when it comes to math. Some students get to the third grade without learning critical basic concepts. Others arrive at kindergarten with a first- or second-grade understanding of math. All of these students can be found in a single classroom, which makes it tricky to assess and work with their different capabilities. Some students will be bored, while others will struggle and become frustrated. Well-designed online math games are available that assess a child's abilities while challenging them in just the right way. These games offer integrated instruction and assessment, and they are being used by more teachers than ever.

Millions of Paths for Individualized Learning

By working with a student's natural abilities and talents, it's much easier to instill them with a strong understanding of mathematical concepts. Today's best online math games provide millions of different paths through rigorous curriculums. One student can take an entirely different route than another and still end up with a strong and definite understanding of critical math concepts. It's important to impart the right math concepts at the right time. If a student moves up a grade without learning the right things, he's sure to fall more and more behind in his mathematical studies.

Insist on Adaptive Learning

Not all online math games offer adaptive learning features, but you shouldn't settle for less. The technology is out there, so why not make it available to your students? These types of games will strengthen the math skills of students who are performing below grade level. They will also help high-achieving students move above and beyond the normal curriculum. When paired with high-quality instruction, these types of games can make a profound difference for students of all ages. They apply an optimal learning zone for each student, which makes it much easier and more intuitive for students to learn what they need to learn.

In addition to insisting on games that include adaptive learning, you should select games that allow you to track and monitor the progress of each student. This will give you a definite idea about the abilities of each student. You can use that information to provide additional help to struggling students or to encourage students who are exceeding grade level expectations. By keeping parents in the loop too, you can ensure an exceptional math learning experience for every child in your classroom. Getting started with these types of games is easy. Your students will be excited too because these games are designed to be fun and exciting to play.

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Jim Wheelin - About Author:
Jim Wheelin writes about many different educational topics for parents and kids. Recently he has been researching for a math game that can a incorporate and encourage adaptive learning. In the future, Jim plans to test out an educational resource such the one offered at http://www.dreambox.com/adaptive-learning.

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