Teaching Kindergarten Math Through Adaptive Learning Games by Jim Wheelin

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Kindergarten math provides an essential foundation on which all other math education is based. Teachers at the kindergarten level are responsible for making sure that their students gain a solid understanding of the basic math concepts that theyâ€™ll need as they progress to higher grades. Using online games that adapt to student needs as part of the classroom curriculum can help both teachers and students achieve these important academic goals.

Giving Kids a Solid Start

Many children are entering school for the first time when they begin kindergarten. Even for children who have attended day care or preschool, kindergarten is a new experience. Itâ€™s the first year that academics begin to take the lead over playtime, and the first year theyâ€™re expected to learn certain basic concepts in subjects such as kindergarten math. By the time theyâ€™re done with the year, kindergarteners are expected to recognize numbers, know how to count and be ready to tackle basic arithmetic. A solid start in math is essential for success in later grades, so itâ€™s important that kids come out of kindergarten with an understanding of the concepts and skills theyâ€™re going to need throughout their school careers.

Making Math Fun

Despite the necessity of learning to behave in school setting, kids at a kindergarten level are still more inclined to want to run and play than sit still and pay attention. Teachers can aid kids in the transition from playtime to school time by making lessons fun with online math games. These virtual learning tools take what kids might see as a bland or boring subject and put it in an entertaining framework that catches and keeps their attention throughout a lesson. Mixing these online tools with daily lessons allows kids to play and feel entertained at school without sacrificing important instruction time. Having a change from the standard instructional model also gives teachers an extra tool to help keep order in a classroom full of five-year-olds.

The Benefits of Adaptive Learning

One of the biggest challenges of teaching kindergarten math is addressing each student at his or her skill level. Kindergarteners arrive in school at all stages of readiness and maturity, but teachers are still expected to ensure that each child grasps the same academic material. Online math games can take some of the challenge out of this by providing teachers and students with a fully adaptive environment. Each time a child plays a game or works through a lesson, the real-time nature of these virtual learning tools allows for automatic adjustments to the difficulty levels and types of concepts being presented. The instantaneous nature of this individualized adaptation makes it easier to implement than traditional methods that might require weeks of testing to get the same results.

Online math games provide an engaging, adaptive environment that can be a useful supplemental tool for teachers at the kindergarten level. Being able to interact in a virtual environment can make it easier for young students to master the skill sets contained in kindergarten math. Once these skills are learned, kids will be able to move on to first grade math concepts with proficiency and confidence.

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http://www.articleside.com/k-12-education-articles/teaching-kindergarten-math-through-adaptive-learning-games.htm - Article Side

Jim Wheelin - About Author:
Jim Wheelin writes about many different educational topics for parents, kids and teachers. He typically recommends others to supplement their kids' academic development with a kindergarten math games. For that reason, Jim likes to test out educational games such as the ones offered at a http://www.dreambox.com/kindergarten-math-games.

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