



Article Side

Online Math Games Support Implementation of Common Core State Standards by
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The common core state standards were developed jointly by the Council of Chief State School Officers (CCSSO) and National Governors Association for Best Practices (NGABP). In collaboration with teachers and education experts, the core standards provide a uniform set of expectations for education of K-12 students. The purpose of the effort is to prepare children in the United States to:

- * Succeed in higher education
- * Secure and maintain adequate employment
- * Compete in the global economy

While curriculum will vary from state to state and from one school district to another, the common core state standards seek to provide a regulated set of objectives so that a child moving from one situation to another will deal with similar subject matter and skill levels. This is likely to ease the transition for students already challenged by the move to unfamiliar surroundings.

While the common core state standards provide a framework for education, a skillful and dedicated teacher is the heart. S/he challenges students to perform at the highest possible levels by presenting materials in a clear and interesting way. The teacher also engages and guides the parents to support their child's efforts. This partnership between a talented educator and an interested parent is vital to the academic and social success of the child.

Instead of introducing a wide array of material, the core standards allow teachers and students to concentrate on developing a thorough understanding of the skills and concepts being taught. The standards also emphasize establishing fluency in the basic mathematical operations and in language arts.

Keeping students engaged and interested enough to delve deeply into the skill sets is the job of the teacher and the parent. In the field of mathematics, games that provide varied opportunities to apply and practice skills help to motivate children to focus on the work at hand. Once the concept is taught, practice is essential both to drive the point home and to help children develop higher order skills in analyzing and organizing information.

Online math games that present the material in new ways are especially useful for keeping students moving along in this endeavor. Systems are available that also help to track student progress, keeping a running record of successful answers and errors so that the teacher is informed in real time of the child's progress. This makes it possible for the teacher to provide ready help where it is most needed when a student is struggling.

Games are also very useful for drill that helps to develop fluency with math facts. In order to progress to higher levels in mathematics, the child must have a firm grasp of the facts and be able to easily produce sums. The student needs to achieve instant recognition and response so that the higher level thinking processes can be applied unhindered. Games that require quick responses help to establish fluency.

An advantage of online math games in particular is the option for students to continue practice at home so that the skills they have developed do not deteriorate before they return to the classroom.

They can then build on these skills to go to a higher level. Thorough mastery provides the vital foundation for progress.

The teacher is the key to providing an excellent classroom experience for students. Using the common core state standards, she or he devises an educational program appropriate for students. Online math games are one valuable tool in the hands of a skillful professional that will reinforce the work of teacher and student.

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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 fun math games that provide a [common core state standards](#) to ensure kids' success. Jim also likes to test interactive educational resource such as a <http://www.dreambox.com/second-grade-math-games>.

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