

Lisa Whitacre

Valley Stream Central High School District

7th Grade Mathematics

CCLS Standards Addressed:

- Ratios and Proportional Relationships
- The Number System
- Expressions and Equations
- Geometry
- Statistics and Probability

Website/ Location of App: Math Champ Challenge

www.inkidseducation.com/math-champ-challenge/

Available on the App Store Price: \$2.99

App Description:

Math Champ Challenge is a math app specifically for grades 4-7. The questions are aligned to the common core standards and there are 2500 plus questions to choose from. There are two components to this app, the skill builder and the math champ challenge. The skill builder allows students to practice and build skills. Players can select specific areas from the above standards and work through questions at their own pace. This component of the app will move advanced students towards mastery, while allowing struggling students to work on those areas in a less challenging environment. The standard number is also identified at the top of each question. The math champ component allows players to compete with other players on the same device or players all over the world. Each player's performance is recorded across all Common Core Standards, allowing players to earn achievements and badges for each standard. The app offers practice suggestions for students at the end of each level. It encourages students to become responsible for their learning. The graphics were colorful and engaging. The questions adjust to the ability level of the student.

App Incorporation:

Teachers can use this app to address the different levels of learners in their classroom. This app can help the struggling learner build confidence because every player starts at the easy level. Once they show mastery in a level they proceed to the next. I also think this is a great app for promoting students to become responsible for their own learning. After each session students are informed of the areas they did well in, areas they are improving in, and the areas they need to practice. The app can be used to enrich traditional lessons. The app also provides quick feedback to a teacher to analyze where each individual student is struggling so that instruction can be tailored towards individual students. This app is a great tool for all students to show growth in the classroom.