**Lisa Whitacre**

**Valley Stream Central High School District**

**7th Grade Mathematics**

**CCLS Standards Addressed:**

* **Numbers and Operations**
* **Algebraic Structures**
* **Statistics**
* **Functions**
* **Geometry**

**Website/ Location of App: ITooch Middle School/ Math**

*www.****edupad.com***

**Available at the App Store, Android, and Windows Price: $4.99**

**App Description:**

 **ITooch Middle School Math is a free app to sample and then $4.99 if you want to buy all the questions available in Grade 7 math. The titles listed under the CCLS Standards addressed above provide a list of chapters within the app. The questions are aligned to the common core standards and there are between 1,500 to 6,000 questions to choose from. Players can practice as long as they need and then switch over to the test mode. This app comes with a virtual blackboard and a calculator. A lesson summary is attached to each chapter, to help the student if they are having any difficulty with a specific question. The app automatically syncs whenever there is an internet connection so that questions are always up to day. Players can unlock badges and achievements to keep them motivated. Players can also share their scores with their friends.**

**App Incorporation:**

 **Teachers can use this app to address the different levels of learners in their classroom. Each student can work on a topic at their own pace. I would use this app to help differentiate instruction in my classroom. Every student can be working on a topic that they are having difficulty in. While in the practice mode if a student gets a question wrong they can refer to the lesson summary or the hints that are provided. If they continue to get a question wrong the practice mode gives them similar questions until they have mastered that topic. While in the test mode students are timed on how long it takes them to answer the questions. A lot of students struggle with time management on tests and this is a great way to help them keep track of this. The graphics are colorful and engage the learner. This is also a great way to reinforce topics that I have previously taught in my classroom.**