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Valley Stream Central High School District

7<sup>th</sup> Grade Mathematics

**CCLS Standard Addressed:**

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

**Website/ Location of App:**

- <http://educationgalaxy.com> Price: Standard version is free, Premium version is \$4.99/month

**App Description:**

This is a great app which is aligned with the common core standards. It can be used in grades k-12 in Mathematics, Language Arts and Science. On the website teachers can organize students by class and assign common core based questions. Teachers can even select a specific standard for questions. The teacher has access to thousands of questions. Teachers can build custom worksheets available to print out. They can also assign tests to students. Teachers can access reports to track student progress. There is also an IPAD App available through this website. To access go to the App Store on any Apple Device and search Common Core State Standards and choose the subject and grade (You will see a green Alien and Education Galaxy on the icon) . The mobile app costs \$2.99. This app makes learning fun. Students can earn Galaxy stars for making progress on each standard. Galaxy stars help students improve their Alien Ranking and earn Alien Cards. Under the student profile on the mobile app students can enter their parents' and teachers' email address so that progress can be tracked. The graphics on the

mobile app are colorful and create an engaging learning environment. Students can also track their own progress to see where they need improvement.

### **App Incorporation:**

Teachers can use this app to build their resources of Common Core aligned questions. Teachers can also share their questions online with other teachers. Teachers can make up tests using the test bank and easily track students strengths and weaknesses. The teacher reports available after a test or assignment has been given to a class are easy to use. Reports can be pulled up by student, class, subject, or grade level to inform the teacher of strengths and areas needing improvement. The teacher can identify what standards need the most attention in the classroom or specific items of needs for the struggling students. This allows the teacher to differentiate instruction. This website also allows teachers to share other resources such as web links, videos, and files to enhance current teacher lessons. The IPAD app also allows students to track their strengths and weaknesses.