

INSTRUCTIONAL SOFTWARE

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1. Use the table below to list at least three Instructional Software titles available for your grade level/content area and provide a brief description of what general topics/standards could be addressed by using each product. You may include free web-based games, tutorials, drills, and simulations that are appropriate to your grade level/content area. Also identify the learning theories that undergird the design of each title (directed, constructivist, or both), the current availability of the software to Osborne teachers, and the level of Bloom’s taxonomy students could probably reach by using this instructional software product.

Title/URL	Basic Description	Topic Areas/ Standards (general)	Learning Theories	Availability	Thinking Skills
USA Test Prep www.usatestprep.com	Tutorial software including vidoes, practice, and monitoring components. Aligned to high stakes state tests	Math/GPS/CCGPS Social Studies/GPS Language Arts/CCGPS	Directed	Purchased by district or school/Available	Remembering/ Understanding Applying/ Analyzing
GeoGebra www.geogebra.org	geometry drawing software, algebra graphing software, and data analysis software	Math/Algebra, Geometry, Statistics	Both	Free on Web.	Remembering/ Understanding Applying/ Analyzing Evaluating/ Creating
Khan Academy www.khanacademy.org	Video Tutorial site that also includes practice. Students can work their way from basic addition all the way to Calculus by earning “leaves” of knowledge.	Math/ALL	Directed	Free on Web.	Remembering/ Understanding Applying/ Analyzing
Illuminations www.illuminations.nctm.org	A collection of lessons and online investigations that cover a wide variety of math topics	Math/ALL	Both	Free on Web.	Remembering/ Understanding Applying/ Analyzing Evaluating/ Creating

2. Choose one Instructional Software title and describe how teachers/students could use this product to achieve required learning standards your content area(s)/grade level(s).

Software: USA Test Prep
Standards Addressed: All for Coordinate Algebra
Grade Level/Content Area(s): 9th/Math
<p>Description of how to implement in the class:</p> <p>Assign practice or tutorials to students based on necessity. Have all students complete practice EOCT tests. Utilize a review game provided. Use individual questions as bell ringers. Allow students to use at home for self tutorial.</p>
<p>What Engaged Learning indicators would be addressed and how?*</p> <p>Standards based- All material on this site is closely aligned to CCGPS Rigorous- Many of the questions are asked at a very high depth of knowledge Teacher as Facilitator- Teacher sets up the assignments, but is then only facilitating Ongoing Assessment- Students are frequently given feedback on performance</p>
<p>What LoTi would be reached and Why?*</p> <p>Level 3- Infusion because students are using technology for content related higher order thinking skills but the tasks are not student centered, real-world, or applied.</p>

*Note: It is not required that you address a majority of the EL indicators or a LoTi 4 or above in this proposed learning experience idea. Just provide an accurate description. If you strive for the higher LoTi levels, you will probably have to accomplish this with the instructional context you create around the software. Use the video "Feel Temperature" from Module 1 as inspiration. Remember that video probably best represents a LoTi Level 3.