INSTRUCTIONAL SOFTWARE, e-Books, and e-Reference   NAME: Samuel Bailllie

1. Use the table below to list the Instructional Software titles available for your grade level(s)/content area(s) and provide a brief description of what learning standards could be addressed by each. You may include free web-based games, tutorials, drills, and simulations that are appropriate to your grade level/content area. Identify the learning theories that undergird the design of each title.

INSTRUCTIONAL SOFTWARE					
Title	Basic Description	Content Area/ Standards	Grade Level(s)	Learning Theories	Thinking Skills
	(Consider including type(s) of software: drill/practice, tutorial, game, simulation) *(Consider using terms to describe features: adaptive, self-paced, whole-class, assessment, reporting/monitoring)* (include URL if Web-based. Also include free or commercial. Passwords)				☐ Knowledge/ Comprehension ☐ Application/ Analysis ☐ Synthesis/ Evaluation
SmartMusic	drill/ practice, some tutorial (shows fingerings), adaptive, self-paced (or not, depending on teacher settings), assessment, reporting/ monitoring; students may access at home with subscription	Music – Instrumental	6-12	Direct	☒ Knowledge/ Comprehension ☒ Application/ Analysis ☐ Synthesis/ Evaluation
MusicTheory.net	drill/practice, tutorial (students can learn without teacher input), adaptive (students can choose level of difficulty), self-paced , assessment – free online site: http://musictheory.net - has an app available for iPad which makes many of the features available on the iPad	Music Theory	6-12	Direct	☒ Knowledge/ Comprehension ☒ Application/ Analysis ☐ Synthesis/ Evaluation
GarageBand	drill/practice, tutorial, assessment – mostly thought of as a productivity tool, there are some instructional features to assess performance	Music - Instrumental	6-12	Direct/ Constructive	☒ Knowledge/ Comprehension ☒ Application/ Analysis ☐ Synthesis/ Evaluation

1

2. Use the table below to list available e-books and e-reference materials for your grade level(s)/content area(s) and provide a brief

Title	Basic Description	Content Area/ Standards	Grade Level(s)
	Title, URL, overview of content, etc.		
Musical Terms|Music Glossary	http://www.naxos.com/education/glossary.asp online dictionary of musical terms	Music Vocabulary	6-12

description of what learning standards could be addressed by each.

3. Choose <u>one</u> Instructional Software title and describe how you could use this piece of software to help students in your school learn required learning standards in your certification area.

Software: SmartMusic
Standards Addressed: Instrumental Performance, specifically intonation and rhythmic accuracy, tuning
Grade Level/Content Area: 6-12, Instrumental Music
Description of how to implement in the class: I use SmartMusic to assess intonation and rhythmic accuracy. I will also be using it to assess sight-reading with new feature added this year. Students can also use the software to study music we learn in class either on a classroom computer or at home via subscription. Analysis can be done in class with software being displayed via projector. A looping feature is available so students can practice along with the software either individually or as a class. Tools are also available, such as metronome and tuner (standards exist for both).