

**SCS LIBRARY CURRICULUM (SECONDARY)
QUARTER 4 – DIGITAL LITERACY/STEM**

Library Target Skills	Essential Questions	Suggested Resources	AASL Standards	TN Academic Standards ELA Standards Math Standards Science Standards Social Studies Standards CTE Standards
Ebooks	<p>What are the advantages of using ebooks?</p> <p>How do I access ebooks?</p>	<p>Memphis/Shelby County Public Library</p> <p>Tennessee Electronic Library Ebooks</p>	<p>V.A.1 Reading widely and deeply in multiple formats and write and create for a variety of purposes</p> <p>VI.A.1. Responsibility applying information, technology, and media to learning.</p> <p>VI.D.1 Personalizing their use of information and information technologies</p>	<p><u>Technology Standards</u> (6. 7. 8.) 3.1 Students will use technology tools to enhance learning, increase productivity, and promote creativity. (6. 7. 8.) 3.2 Students will use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.</p>
APPS	<p>What APPS are safe and beneficial to use?</p>	<p>Tech Advocate's 2018 Best APPS</p> <p>50 Favorite APPS</p> <p>QR Lessons</p>	<p>VI.A.1. Responsibility applying information, technology, and media to learning.</p> <p>VI.D.1 Personalizing their use of information and information technologies</p>	<p><u>Technology Standards</u> (6. 7. 8.) 3.1 Students will use technology tools to enhance learning, increase productivity, and promote creativity. (6. 7. 8.) 3.2 Students will use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.</p>
Virtual Fieldtrips	<p>In what way do virtual field trips help me learn?</p>	<p>Google Cultural Institute</p>	<p>VI.A.1. Responsibility applying information, technology, and media to learning.</p>	<p><u>Technology Standards</u> (6. 7. 8.) 3.1 Students will use technology tools to enhance learning,</p>

	What are the benefits of using virtual field trips?	Virtual Field Trips Every Teacher Should Know SKYPE	VI.D.1 Personalizing their use of information and information technologies	increase productivity, and promote creativity. (6. 7. 8.) 3.2 Students will use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.
Coding	Why is Coding important? How Is Coding a Superpower? How does Coding improve academic performance and pave a path to the future?	Code.org Schrock Guide to Coding	VI.A.1. Responsibility applying information, technology, and media to learning. VI.D.1 Personalizing their use of information and information technologies	<u>Technology Standards</u> (6. 7. 8.) 3.1 Students will use technology tools to enhance learning, increase productivity, and promote creativity. (6. 7. 8.) 3.2 Students will use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.
Makerspace	What types of projects can I complete in a Makerspace? How can Makerspace projects assist me in the classroom? Why are exploration and creation an important part of learning? How can a Makerspace change our learning experience?	SCS Vendors approved for Makerspace materials Librarian's Guide to Makerspace How to Start a Makerspace	V.B.1. Problem solving through cycles of design, implementation, and reflection. V.B.2. Persisting through self-directed pursuits by tinkering and making	<u>ELA Standards</u> (6.7.8.) SL.CC.1 Prepare for collaborative discussions on 6th grade level topics and texts; engage effectively with varied partners, building on others' ideas and expressing one's own ideas clearly. <u>CTE Standards</u> 7.13 Research how 3-D printing and rapid prototyping have revolutionized the innovation process, consulting popular news media, engineering journals, and relevant industry magazines. Design a 3-D model of a chosen product using computer-aided drafting or modeling software such as SolidWorks or Google SketchUp, then create a 3-D model of the design.

<i>Literary Events</i>	<ul style="list-style-type: none"><i>* Read Across America (Mar.)</i><i>* Teen Tech Week – (Mar.)</i><i>* Earth Day (Apr.)</i><i>* School Library Month (Apr.)</i><i>* Poetry Month (Apr.)</i><i>* Holiday related literature and activities (Easter, St. Patrick’s Day, April Fool’s)</i>
-------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------