21st Century Tech Tools

GALLOPADE

Common Core State Standards Teacher Resource

Teach 21st Century Tech Skills TODAY!

- Cover Common Core State Standards for grades 3-5
- Engage the whole class in tech-savvy activities
- Teach indispensable, next-generation skills
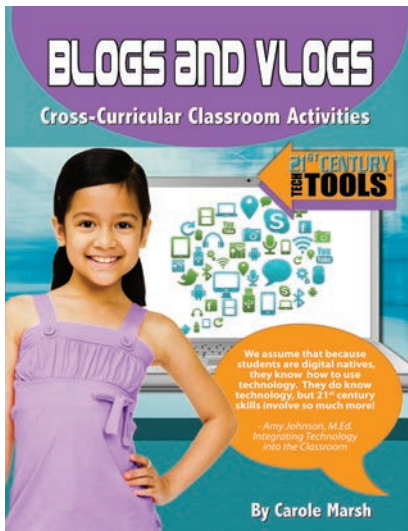- Incorporate BYOT technology into current curriculum

The 21st Century Tech Tools series brings tech literacy into the classroom with attention-grabbing activities that encourage kids to think critically, solve real-world problems, create, and collaborate. Each Tech Tools book includes 20 lesson plans teachers can use with ease, covering cross-curricular concepts with the help of some of today's favorite devices. Whether kids are using technology to explore global time zones, create a news story, or describe music, they are always building important skills for the future.

Common Core State Standards Question Correlation Guide

W: Writing
SL: Speaking & Listening
L: Language

Blogs and Vlogs

Class activities incorporate curriculum content into 21st century writing and speaking skills. Students can explore publishing, editing, and recording both written and video projects, while learning Internet research skills and the impact of current events, as well as topics from history, geography, and science. Writing types covered include opinion pieces, explanatory texts, and narratives.

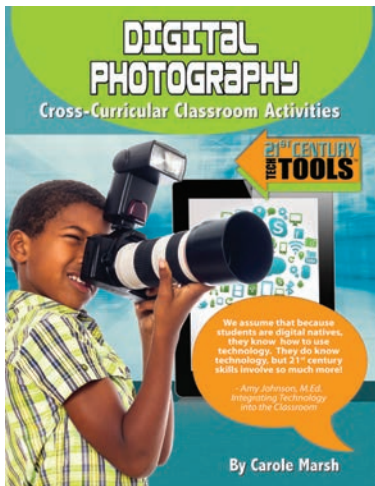| |
|---|
| W.3.1a-d, 4.1a-d, 5.1a-d; W.3.2a-d, 4.2a-d, 5.2a-d; W.3.3a-d, 4.3a-d, 5.3a-d; W.3.4, 4.4, 5.4; W.3.5, 4.5, 5.5; W.3.6, 4.6, 5.6; W.3.7, 4. 7, 5.7; W.3.8, 4. 8, 5.8, W.3.10, 4.10, 5.10 |
| SL.3.1a-d, 4.1a-d, 5.1.a-d; SL.3.4, 4.4, 5.4; SL.3.5, 4.5, 5.5 |
| L.4.5a-c, 5.5a-c; L.3.6, 4.6, 4.7 |

Cell Phones, Tablets & Apps

Technology tools are only as useful as the people who can use them! Show students how to use their devices constructively, to write coherently and collaborate. Twenty class activities explore twenty-first century hand-held technology like iPads and smart phones.

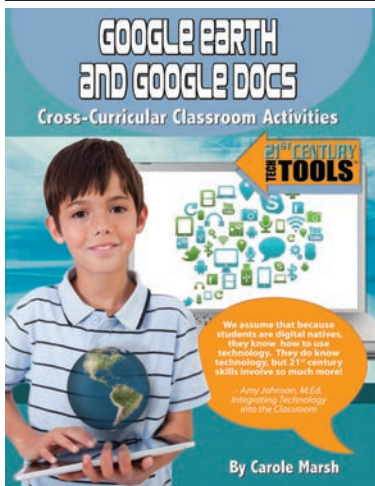| |
|---|
| W.3.4, 4.4, 5.4; W.3.6, 4.6, 5.6; W.3.7, 4. 7, 5.7; W.3.8, 4. 8, 5.8 |
| SL.3.1a-d, 4.1a-d, 5.1.a-d |
| L.4.5a-c, 5.5a-c; L.3.6, 4.6, 4.7 |

Digital Photography

Students can produce finished projects that reflect thought and understanding, building on communication and writing skills with digital photography in the classroom. Activities include College and Career Readiness skills with projects ranging across the curriculum, including analyzing the objects at home and school, critical thinking to create picture codes, and (literally) illustrating figurative language.

W.3.6, 4.6, 5.6; W.3.7, 4. 7, 5.7; W.3.8, 4. 8, 5.8

SL.3.1a-d, 4.1a-d, 5.1.a-d; SL.3.4, 4.4, 5.4; SL.3.5, 4.5, 5.5

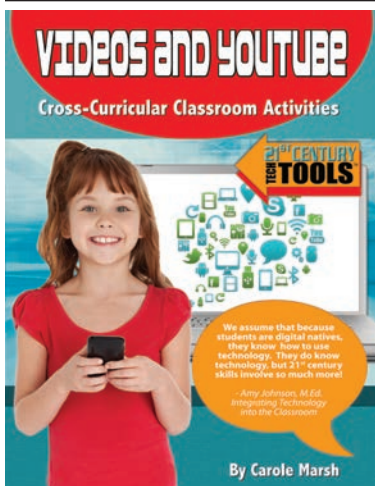L.4.5a-c, 5.5a-c; L.3.6, 4.6, 4.7

Google Earth and Google Docs

Today's students can explore the world beyond the classroom with Google Earth while collaborating with anyone in the world through Google Docs. Students learn to use and collaborate on presentations and projects, focusing on fascinating core content from all subject areas, especially geography and map skills.

W.3.6, 4.6, 5.6; W.3.7, 4. 7, 5.7; W.3.8, 4. 8, 5.8

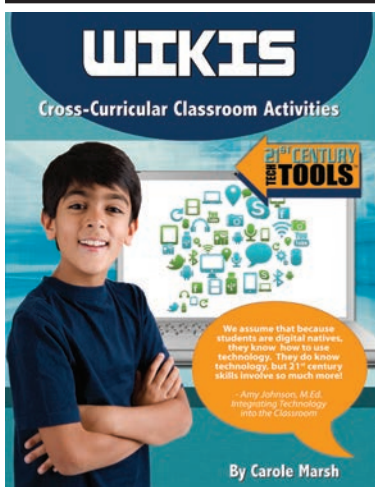SL.3.1a-d, 4.1a-d, 5.1.a-d; SL.3.4, 4.4, 5.4; SL.3.5, 4.5, 5.5

Videos and YouTube

Online video platforms allow students to research, report, and present what they learn with video, images, and sound. Students build speaking, research, and multimedia experience creating and editing their own digital videos. Lessons provide a variety of video projects for elementary school, exploring curriculum topics.

W.3.8, 4.8, 5.8

SL.3.4, 4.4, 5.4; SL.3.5, 4.5, 5.5

L.3.5, 4.5, 5.5

Wikis

How we gather and share knowledge through the Internet is amazing! Lessons help students build web and research skills while creating their own wikis to use in the classroom. Activities also provide practice with creative writing, problem-solving, and so much more.

W.3.6, 4.6, 5.6; W.3.7, 4.7, 5.7; W.3.8, 4.8 5.8; W.3.10, W4.10, W5.10

SL3.1a-c, 4.1a-c, 5.1.a-c; SL.3.4, 4.4, 5.4; SL3.5, 4.5, 5.5

L.3.6, 4.6, 5.6