

Curriculum Driven Budgeting & Donor Advocacy

Conor Thackston

Department of Library Media

ISTC 615: Collection Development

Prof. Syeda Shahid

March 4, 2025

Curriculum Map

- **Grade/Subject:** 10th-12th grade science
- **Theme:** Digital Media Literacy in the Sciences
- **Standards:** ISTE Standards for Students - Digital Citizen

Budget Proposal

	A ▼	B	C	D	E	F	G	H	I
1	Grades/subjects	Standards	Unit Title	Time allocation	Key objectives	Activities/projects	Assessment methods	Resources needed	Alignment with school mission
2	10th-12th grade science	ISTE Standards for Students - Digital Citizen	Evaluating Online Scientific Information	45 mins/Week - Over course of 2/3 class sessions	Develop skills in evaluating the credibility of online scientific information.	Analyze real and fake scientific articles; Group project creating a guide for evaluating online sources.	Project based assessment; Checklists	High performance computers; Internet access	Fosters innovation and problem-solving
3	10th-12th grade science	ISTE Standards for Students - Digital Citizen	Digital Media Creation for Scientific Communication	45 mins/Week - Over the course of 2/3 class sessions	Develop skills in creating digital content to communicate scientific information effectively.	Create infographics or short videos explaining scientific concepts; Peer review of digital content.	Project based assessment; Rubrics	High performance computers; Digital media creation software	Fosters innovation and problem-solving
4	10th-12th grade science	ISTE Standards for Students - Digital Citizen	Ethical Use of Digital Media in Science	45 mins/Week - Over course of 2/3 class sessions	Understand the ethical considerations of using digital media in science.	Case study analysis of ethical dilemmas in digital media; Class debate on ethical use of digital media.	Research papers; Class discussions	Computers; Internet access	Fosters innovation and problem-solving

Zero-Based Approach

	A ▼	B	C	D
1	Need	Cost	Justification	Priority
2	Software License	\$0	Necessary for digital content creation activities.	High
3	Subscription	\$3,850	Access to a wide variety of texts for analysis and discussion.	Medium
4	Teacher training	\$500	Ensure effective implementation of the program.	High
5	Total	\$4,350		

Identify and Pitch to a Potential Donor

- **Potential Donor:** Howard County Public Library System
- **Pitch Statement:** Your support will empower our high school students to become critical thinkers, educated consumers, and creators of digital media in the sciences. By providing access to essential software, subscriptions, and teacher training, you'll directly enhance their scientific literacy skills and prepare them for success in the digital age.

Mock Social Media Flyer

