Grant Proposal Narrative

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This year the Leslie E. Booth Library and Media Center here at Boonton High School had the honor to be awarded a \$15,000 grant for use on the Nonfiction and Reference sections of our collection. Boonton High School is a four year 9th through 12th grade public school located in Morris County, New Jersey. The school serves 591 students from the towns of Boonton and Lincoln Park.

In preparation for the grant, the Library and Media Center evaluated and mapped the current collection in order to determine the best applicable uses for the funds. This most recent mapping of the collection illustrated the great need for this grant award. With an average age of 1979, the nonfiction portion of the collection is extremely outdated. Approximately 90% of the titles in the collection are aged, with only 2% of titles from 2010 or newer. The library holdings are lacking in available digital resources, online databases, eBooks, audio books, and multimedia works. A recent weeding of all VHS tapes has left the library with few video sources.

After discussion and review, it was concluded that the grant funding should focus on updating and providing newer resources in the areas of Philosophy and Psychology, Social Sciences, Science, Technology, Geography and History, Biographies, and access to multimedia, eBook, and online resources. Recent updates to curriculums, including Common Core and STEAM, as well as faculty requests and recommendations were also considering factors in determination of the grant spending and purchase proposal. Under this grant proposal, the Library and Media Center will be doubling the available amount of eBooks and multimedia resources, of which the majority are licensed for an unlimited number of users. Overall, updating and offering modernized selections will

help to transform our library into a 21st Century Media Center. This will help to provide our students and staff with resources that are necessary to succeed in a continuously evolving and technology driven age. Each area for spending will be discussed and purchases will be shown in detail below. The following chart offers a basic breakdown of the allocation of grant funds.

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000 Computer Science, Information, & General Works	\$	368.56
100 Philosophy & Psychology	\$	743.82
200 Religion	\$	817.82
300 Social Sciences	\$	3,076.36
400 Language	\$	218.88
500 Science	\$	2,101.01
600 Technology	\$	1,017.37
700 Arts & Recreation	\$	273.40
800 Literature	\$	282.83
900 History & Geography	\$	1,493.05
Reference	\$	1,500.00
Biography	\$	3,103.20

Total \$ 14,996.30

000 Computer Science, Information, and General Works

Current average age: 1981

This section of works encompasses only 1% of the library's current holdings. In today's technology based age, it is important that our population have access to information in regards to computer science and general information facts. Under the proposed grant budget 4% of new acquisitions would be for this section and cost a total of \$368.56.

Title	Author	Туре	Price
Debunk it: how to stay sane in a world of misinformation	Grant, John	Print	\$ 11.09
American Girls Social Media and the Secret Lives of			
Teenagers	Sales, Nancy Jo	Print	\$ 14.46
It's complicated : the social lives of networked teens	Boyd, Danah	Print	\$ 15.00

Powering up a career in software development and			
programming	Harmon, Daniel E	Print	\$ 26.85
Python for kids	Scott, Brendan	Print	\$ 25.54
Raspberry Pi for kids	Wentk, Richard	Print	\$ 25.54
Artificial intelligence	Hulick, Kathryn	Print	\$ 25.00
3D game programming for teens	Sethi, Maneesh	Print	\$ 34.99
Google : how Larry Page & Sergey Brin changed the way			
we search the web	Jackson, Aurelia	Print	\$ 23.95
Whatcha mean, what's a zine? : the art of making zines			
and mini comics	Todd, Mark	Print	\$ 8.44
Statistics: a graphic guide	Magnello, Eileen	Print	\$ 8.51
Introducing chaos: a graphic guide	Sardar, Ziauddin	Print	\$ 8.51
Guinness World Records, 2017	n/a	Print	\$ 31.32
Artificial intelligence: a graphic guide	Brighton, Henry	Print	\$ 8.51
Python for kids : a playful introduction to programming	Briggs, Jason R	eBook/Digital	\$ 52.43
Adventures in Raspberry Pi	Philbin, Carrie Anne	eBook/Digital	\$ 37.43
The world almanac and book of facts, 2016	n/a	eBook/Digital	\$ 10.99

Total \$ 368	5.56
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100 Philosophy and Psychology

Current average age: 1983

This section accounts for 2% of the library's current holdings. Many new developments have been made, most notably in the subject of Psychology in recent years. Graphic style guides present information in a format that is appealing to the students of today. Under the proposed grant budget 12% of new acquisitions would be for this section and cost a total of \$743.82.

Title	Author	Туре	Price
Heads up philosophy	Weeks, Marcus	Print	\$13.74
Philosophy	Robinson, David	Print	\$8.51
Philosophy : a discovery in comics	Heer, Margreet de	ebook/Digital	\$9.99
Aesthetics : a graphic guide	Want, Christopher	Print	\$6.84
Consciousness: a graphic guide	Papineau, David	Print	\$7.10
Nova scienceNow. : What makes us human		DVD	\$24.99
Critical theory : a graphic guide	Sim, Stuart	Print	\$7.10
Existentialism : a graphic guide	Appignanesi, Richard	Print	\$8.51

Empiricism	Robinson, David	Print	\$8.51
Postmodernism	Appignanesi, Richard	Print	\$7.10
Heads up psychology	Weeks, Marcus	Print	\$13.74
Introducing psychology	Benson, Nigel C	Print	\$7.10
The Freud wars : a graphic guide	Wilson, Stephen	Print	\$8.51
Introducing Jung : a graphic guide	Hyde, Maggie	Print	\$8.51
Lacan : a graphic guide	Leader, Darian	Print	\$8.51
Melanie Klein : a graphic guide	Hinshelwood, R. D	Print	\$8.51
Psychoanalysis : a graphic guide	Woodfin, Rupert	Print	\$7.37
Anger	Waters, Rosa	ebook/Digital	\$29.95
Emotional self	Waters, Rosa	ebook/Digital	\$29.95
Empathy and compassion	Waters, Rosa	ebook/Digital	\$29.95
Fear and anxiety	Etingoff, Kim	ebook/Digital	\$29.95
Introducing Overcoming Problem Eating A Practical			
Guide	Furness	Print	\$8.51
Nova. : Memory hackers : the mysterious nature of how			
we remember	n/a	DVD	\$24.99
How we learn: the surprising truth about when, where,			
and why it happens	Carey, Benedict	Print	\$13.65
The organized mind : thinking straight in the age of			
information overload	Levitin, Daniel J	Print	\$14.50
Nonverbal communication : the art of body language	Sonneborn, Liz	Print	\$10.44
Persuasion : a practical guide	McLean, Anthony	Print	\$8.51
Just my type: understanding personality profiles	Rosen, Michael J	ebook/Digital	\$51.99
Teens and stress	Parks, Peggy J	Print	\$32.4
Angry girl? : girls dealing with feelings	Snyder, Gail	ebook/Digital	\$31.00
An angry guy's guide : how to deal	Marcovitz, Hal	ebook/Digital	\$31.00
Lonely girl?: how to deal	Snyder, Gail	ebook/Digital	\$31.00
A lonely guy's guide : how to deal	Marcovitz, Hal	ebook/Digital	\$31.00
Evolutionary psychology : a graphic guide	Evans, Dylan	Print	\$7.10
Logic : a graphic guide	Cryan, Dan	Print	\$8.51
Ethics	Robinson, David	Print	\$7.10
Plato : a graphic guide	Robinson, David	Print	\$8.51
Aristotle : a graphic guide	Woodfin, Rupert	Print	\$7.10
Continental philosophy: a graphic guide	Want, Christopher	Print	\$8.51
The Enlightenment : a graphic guide	Spencer, Lloyd	Print	\$6.47
Wittgenstein : a graphic guide	Heaton, John	Print	\$8.51
Bertrand Russell : a graphic guide	Robinson, David	Print	\$8.51
Hegel : a graphic guide	Spencer, Lloyd	Print	\$8.51
Heidegger : a graphic guide	Collins, Jeff	Print	\$8.51
Kant : a graphic guide	Want, Christopher	Print	\$8.51
Nietzsche : a graphic guide	Gane, Laurence	Print	\$8.51
Alain Badiou : a graphic guide	Kelly, Michael J	Print	\$8.51

Derrida : a graphic guide	Collins, Jeff	Print	\$8.51
Descartes : a graphic guide	Robinson, David	Print	\$8.51
Foucault : a graphic guide	Horrocks, Chris	Print	\$6.46
Rousseau : a graphic guide	Robinson, Dave	Print	\$8.51
	Thody, Philip Malcolm		
Sartre : a graphic guide	Waller	Print	\$8.51
Kierkegaard : a graphic guide	Robinson, David	Print	\$8.51
Slavoj Zizek : a graphic guide	Want, Christopher	Print	\$8.51

200 Religion

Current average age: 1975

This section accounts for 2% of the library's current holdings. It is important to represent the diverse multitude of religions that are being and have been practiced and studied throughout the world. Under the proposed grant budget, 3% of acquisitions would fall under this section and cost a total of \$817.55

Title	Author	Туре	Price
World religions: Multibook Set	n/a	Print	\$ 494.69
The encyclopedia of world religions	n/a	Print	\$ 65.00
The handy mythology answer book	Leeming, David Adams	Print	\$ 18.71
Bulfinch's mythology	Bulfinch, Thomas	ebook/Digital	\$ 59.85
Jesus : a graphic guide	O'Hear, Anthony	Print	\$ 8.51
Science and religion	n/a	Print	\$ 29.00
African American	n/a	Print	\$ 35.64
Buddha : a graphic guide	Hope, Jane	Print	\$ 7.10
Hinduism : a graphic guide	Lal, Vinay	Print	\$ 7.10
Judaism	Ehrlich, Carl S	ebook/Digital	\$ 35.60
Islam : a short history	Armstrong, Karen	Print	\$ 13.61
Introducing Islam : a graphic guide	Sardar, Ziauddin	Print	\$ 7.10
Native American religion	Martin, Joel	Print	\$ 35.64

Total	\$ 817.55
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300 Social Science

Current average age: 1982

This section accounts for 15% of the library's current holdings. Although the library has quite a large selection of titles under the realm of social science, many are antiquated and no longer suitable for reference under new curriculums and state standards. Newer insights are necessary as society is continuously evolving. It is important to add more relevant and current topics such as cyberbullying, social media use, LGBTQ issues and awareness, and global awareness and change to our collection, as well as providing up to date testing resources for our students. Under the proposed grant budget, 19% of acquisitions would fall under this section and cost a total of \$3076.36.

Title	Author	Type	Pr	
8 practice tests for the SAT 2017.	n/a	Print	\$	21.29
Arctic thaw : climate change and the global race for	McPherson, Stephanie			
energy resources	Sammartino	ebook/Digital	\$	51.99
Be smart about credit : credit and debt management	Kowalski, Kathiann M	ebook/Digital	\$	27.93
Be smart about investing : planning, saving, and the				
stock market	Kowalski, Kathiann M	ebook/Digital	\$	27.93
Be smart about money : money management and				
budgeting	Gordon, Sherri Mabry	ebook/Digital	\$	27.93
Being transgender	Rodi, Robert	ebook/Digital	\$	29.95
Blood, bullets, and bones : the story of forensic science				
from Sherlock Holmes to DNA	Heos, Bridget	ebook/Digital	\$	17.99
Breath of Life.	n/a	DVD	\$	19.95
Bully	n/a	DVD	\$	14.98
Bullying	Perdew, Laura	ebook/Digital	\$	39.95
Careers: the graphic guide to finding the perfect job for				
you	Pawlewski, Sarah	Print	\$	17.04
Climate migrants : on the move in a warming world	Hirsch, Rebecca E	Print	\$	27.04
Codegirl	n/a	DVD	\$	24.95
College handbook, 2017.	n/a	Print	\$	27.24
Coming out and seeking support	Rodi, Robert	ebook/Digital	\$	29.95
Confronting stereotypes	Rodi, Robert	ebook/Digital	\$	29.95
Congress	Perritano, John	Print	\$	14.46
Cyberbullying : online safety	Brown, Tracy	ebook/Digital	\$	51.38
Democracy	Laxer, James	Print	\$	6.49

Engaging with politics	Rodi, Robert	ebook/Digital	\$	29.95
Eyes wide open : going behind the environmental				
headlines	Fleischman, Paul	ebook/Digital	\$	9.99
Financial literacy for millennials : a practical guide to				
managing your financial life for teens, college students,				
and young adults	Smith, Andrew O	Print	\$	40.01
Food the new gold	Gay, Kathlyn	ebook/Digital	\$	47.93
Friend me! 600 years of social networking in America	DiPiazza, Francesca	ebook/Digital	\$	24.95
Fuel under fire : petroleum and its perils	Goldstein, Margaret J	ebook/Digital	\$	34.65
Gay rights movement	Watson, Stephanie	ebook/Digital	\$	39.95
Going blue: a teen guide to saving our oceans, lakes,				
rivers, & wetlands	Kaye, Cathryn Berger	Print	\$	12.79
How renewable energy is changing society	Green, Robert	Print	\$	32.40
I have been bullied. Now what?	Kamberg, Mary	ebook/Digital	\$	53.40
Baudrillard : a graphic guide	Horrocks, Chris	Print	\$	8.51
Capitali\$m : a graphic guide	Cryan, Dan	Print	\$	7.10
Anthropology : a graphic guide	Davies, Merryl Wyn	Print	\$	8.51
Cultural studies : a graphic guide	Sardar, Ziauddin	Print	\$	6.46
Economics : a graphic guide	Orrell, David	Print	\$	7.10
Fascism : a graphic guide	Hood, Stuart	Print	\$	8.51
Feminism : a graphic guide	Jenainati, Cathia	Print	\$	7.10
An inconvenient truth : the crisis of global warming	Gore, Albert	Print	\$	19.66
I have been cyberbullied, now what?	McAneney, Caitie	ebook/Digital	\$	53.40
Immigration : interpreting the constitution	Byers, Ann	ebook/Digital	\$	35.60
Introducing Sociology (Introducing Graphic Guides)	Nagle, John	Print	\$	8.51
It's getting hot in here : the past, present, and future of	1.00,00,00		Ť	
climate change	Heos, Bridget	Print	\$	15.44
Keeping physically healthy	Rodi, Robert	ebook/Digital	\$	29.95
Keynes : a graphic guide	Pugh, Peter	Print	\$	7.10
Machiavelli : a graphic guide	Curry, Patrick	Print	\$	8.51
Malala Yousafzai	Kallen, Stuart A	ebook/Digital	\$	39.95
	· ·	Print		
Marxism: a graphic guide	Woodfin, Rupert Donovan, Sandra	+	\$	8.51
Media : from news coverage to political advertising	•	ebook/Digital	\$	39.99
Media studies : a graphic guide	Sardar, Ziauddin	Print	\$	6.46
Nova.: Power surge	n/a	DVD	\$	24.99
Online health and safety: from cyberbullying to internet addiction	Scholl Bornadotto H	obook/Digital	ے ا	170 00
Poisoning planet Earth pollution and other	Schell, Bernadette H	ebook/Digital	\$	178.00
environmental hazards	n/a	ebook/Digital	\$	37.74
Elon Musk	Vance, Ashlee	Print	\$	14.49
Political participation and voting rights	Lansford, Tom	ebook/Digital	\$	29.95
Political philosophy : a graphic guide	Robinson, David	Print	\$	8.51
		+		
Pride: celebrating diversity & community	Stevenson, Robin	ebook/Digital	\$	91.95
Protecting the environment through service learning	Rauf, Don	ebook/Digital	\$	51.90

Religious, cultural, and minority rights	Holt, David H	ebook/Digital	\$ 29.95
SAT 2017: strategies, practice & review: with 3 practice			
tests.	n/a	Print	\$ 17.04
SAT premier 2017: with 5 practice tests.	n/a	Print	\$ 30.64
Semiotics : a graphic guide	Cobley, Paul	Print	\$ 8.51
Seven billion and counting : the crisis in global			
population growth	Andregg, Michael	ebook/Digital	\$ 50.60
Smart strategies for paying for college	Prentzas, G. S	ebook/Digital	\$ 51.38
Social media	Parks, Peggy J	Print	\$ 32.40
Staying mentally healthy	Rodi, Robert	ebook/Digital	\$ 29.95
Surviving the world's extreme regions	McNab, Chris	ebook/Digital	\$ 29.95
Sustainability.	n/a	Print	\$ 27.95
Teen guide to paying for college	Mooney, Carla	ebook/Digital	\$ 39.95
Teens and bullying	Stewart, Gail B	ebook/Digital	\$ 39.95
Teens and LGBT issues	Wilcox, Christine	ebook/Digital	\$ 39.95
The civil rights era	n/a	ebook/Digital	\$ 55.90
The global impact of social media	n/a	Print	\$ 32.00
The Industrial Revolution : steam and steel	n/a	ebook/Digital	\$ 59.90
The K&W guide to colleges for students with learning			
differences	Kravets, Marybeth	Print	\$ 27.24
The struggle to be strong: true stories by teens about			
overcoming tough times	n/a	Print	\$ 12.79
The survival guide to bullying : written by a teen	Mayrock, Aija	DVD	\$ 45.95
The ultimate scholarship book 2017	Tanabe, Gen S	Print	\$ 24.57
Thinking critically. Cyberbullying	Currie, Stephen	ebook/Digital	\$ 39.95
Three little words : a memoir	Rhodes	Print	\$ 11.09
Transgender lives : complex stories, complex voice	Cronn	ebook/Digital	\$ 51.99
Transgender rights and issues	Pelleschi, Andrea	ebook/Digital	\$ 39.95
Understanding equal rights	Brezina, Corona	ebook/Digital	\$ 53.40
Understanding freedom of the press	Hagler, Gina	ebook/Digital	\$ 53.40
Understanding sexual orientation and gender identity	Rodi, Robert	ebook/Digital	\$ 29.95
Understanding your rights in the information age	Weinick, Suzanne	ebook/Digital	\$ 53.40
Water: global challenges & policy of freshwater use.	n/a	Print	\$ 30.95
We are the weather makers : the history of climate			
change	Flannery, Tim F	Print	\$ 15.44
Your water footprint : the shocking facts about how			
much water we use to make everyday products	Leahy, Stephen	Print	\$ 17.01
Youth cultures in America	n/a	ebook/Digital	\$ 378.00
Yummy : the last days of a Southside shorty	Neri, Greg	ebook/Digital	\$ 16.95

400 Language

Current average age: 1974

This section accounts for 1% of the library's current holdings. New revisions, techniques, and graphic guides will help to engage learners, while replacing some texts that have fallen beyond disrepair. Under the proposed grant budget, 3% of acquisitions would fall under this section and cost a total of \$218.88.

Title	Author	Туре	Price
Language and the internet	Crystal, David	Print	\$ 39.99
Barthes : a graphic guide	Thody, Philip Malcolm Waller	Print	\$ 8.51
Chomsky : a graphic guide	Maher, John C	Print	\$ 8.51
Linguistics : a graphic guide	Trask, R. L	Print	\$ 8.51
Signing made easy: a complete program for learning sign language, includes sentence drills and exercises for increased comprehension and signing			44.46
skill	Butterworth, Rod R	Print	\$ 14.46
Crazy English : the ultimate joy ride through our language	Lederer, Richard	Print	\$ 14.46
Essays & term papers	McLean, Michelle	Print	\$ 14.99
SAT reading, writing & language	Leaf, Brian	Print	\$ 20.00
English grammar	Ehrlich, Eugene	Print	\$ 20.00
English grammar demystified	Dutwin, Phyllis	Print	\$ 23.00
Grammar girl presents the ultimate writing guide for			
students	Fogarty, Mignon	Print	\$ 11.94
English to Spanish	English : word to word bilingual	Print	\$ 14.95
Complete Spanish : grammar + verbs + vocabulary	n/a	Print	\$ 19.56

Total	\$ 218.88
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500 Science

Current average age: 1984

This section accounts for 6% of the library's current holdings. Special focus was

recent implementation of the Next Generation Science Standards, and the push to

given to this topic area of the library. Due to curriculum updates, most notably the

incorporate STEM (Science, Technology, Engineering, Mathematics) and now STEAM (STEM with the addition of Art and Design), it is imperative that we provide our student body with resources that reflect these new directives.

Under the proposed grant budget, 15% of acquisitions would fall under this section and cost a total of \$2101.01

Title	Author	Туре	Price
Almost everyone's guide to science : the universe,			
life and everything	Gribbin, John R	Print	\$ 14.09
Cells Experience Life at Its Tiniest	(Inquire and Investigate)	Print	\$ 15.31
Drowned City	Brown, Don	Print	\$ 8.54
Epigenetics A Graphic Guide	Gomes, Andre	Print	\$ 8.51
Introducing the Universe	Pirani, Felix	Print	\$ 6.46
Great Human Odyssey (Nova) / Nova	n/a	DVD	\$ 24.99
Space and astronomy experiments	Walker, Pamela	ebook/Digital	\$ 60.00
Space research	Parks, Peggy J	ebook/Digital	\$ 29.95
Philosophy of science : a graphic guide	Sardar, Ziauddin	Print	\$ 8.51
Earth's natural wonders : living on the edge	n/a	DVD	\$ 24.99
Homework helpers. Basic math and pre	n/a	Print	\$ 14.99
Practical math success in 20 minutes a day	McKibben, Mark A	Print	\$ 15.35
Mathematics	Sardar, Ziauddin	Print	\$ 6.84
Mathematics : an illustrated history of numbers	n/a	Print	\$ 21.36
Infinity : a graphic guide	Clegg, Brian	Print	\$ 6.17
Fractals : a graphic guide	Lesmoir	Print	\$ 8.51
The Big Bang Theory and Light Spectra	Keranen, Rachel	Print	\$ 30.00
Cosmos	Sagan, Carl	Print	\$ 14.50
Earth, Sun, and Moon Cyclic Patterns of Lunar			
Phases, Eclipses, and the Seasons	Miller, Derek	Print	\$ 30.00
Modern astronomy : expanding the universe	Yount, Lisa	Print	\$ 35.00
Space Systems / Multi	n/a	Print	\$ 179.77
Dark matter and the dinosaurs : the astounding			
interconnectedness of the universe	Randall, Lisa	Print	\$ 14.49
Welcome to the universe : an astrophysical tour	Tyson, Neil deGrasse	Print	\$ 39.95
Space, time, and the universe	n/a	DVD	\$ 34.99
	Worlds Beyond Our Solar		
Exoplanets	System	Print	\$ 27.04
The planets and the solar system	Green, Jen	DVD	\$ 21.00
Curiosity's mission on Mars : exploring the red planet	Miller, Ron	ebook/Digital	\$ 50.60
NOVA. : Ultimate Mars challenge	n/a	DVD	\$ 24.99

Nova. : Chasing Pluto : a historic journey to the edge			<u> </u>	
of our solar system	n/a	DVD	\$	24.99
Time : a graphic guide	Callender, Craig	Print	\$	6.47
The handy physics answer book	Zitzewitz, Paul W	Print	\$	18.71
Stephen Hawking : a graphic guide	McEvoy, J. P	Print	\$	6.47
Relativity : a graphic guide	Bassett, Bruce	Print	\$	7.10
Cosmos : a spacetime odyssey	n/a	DVD	\$	29.99
Introducing quantum theory	McEvoy, J. P	Print	\$	6.46
Stephen Hawking	Kamberg, Mary	Print	\$	27.85
The boy who played with fusion : extreme science,	ramoerg, mary		Ť	27.03
extreme parenting, and how to make a star	Clynes, Tom	Print	\$	13.61
Radioactive! : how Irene Curie and Lise Meitner	, ,			
revolutionized science and changed the world	Conkling, Winifred	Print	\$	15.41
Particle physics : a graphic guide	Whyntie, Tom	Print	\$	8.51
Nova. : Hunting the elements	n/a	DVD	\$	24.99
The elements : what you really want to know	Miller, Ron	Print	\$	22.04
Earth, the biography	n/a	DVD	\$	29.98
Earth the inside story : the geology of our planet				
from core to crust to atmosphere	n/a	DVD	\$	24.99
Forces of nature : the awesome power of volcanoes,				
earthquakes, and tornadoes	Grace, Catherine O'Neill	Print	\$	15.31
Rising tides.	n/a	DVD	\$	19.95
Planet ocean.	n/a	DVD	\$	14.17
Chasing the storm: tornadoes, meteorology, and				
weather watching	Miller, Ron	ebook/Digital	\$	50.65
Climate change : in context / Multi	n/a	Print	\$	389.93
Climate change research	George, Charles	ebook/Digital	\$	39.95
Antarctic edge 70 south.	n/a	DVD	\$	24.95
	microbes that shape our			
Invisible allies	lives	Print	\$	11.09
Classification of living organisms	Lewis, Mark J	ebook/Digital	\$	
Bioluminescence: nature and science at work	Zimmer, Marc	Print	\$	26.04
The brain: journey through the universe inside your			١.	
head	Mooney, Carla	Print	\$	15.31
The brain with David Eagleman.	n/a	DVD	\$	34.99
Modern genetics : engineering life	Yount, Lisa	Print	\$	35.00
The sixth extinction : an unnatural history	Kolbert, Elizabeth	Print	\$	13.65
Undeniable: evolution and the science of creation	Nye, Bill	Print	\$	14.49
Evolution : a graphic guide	Evans, Dylan	Print	\$	8.51
Evolution	Keranen, Rachel	ebook/Digital	\$	68.46
Ecology the delicate balance of life on earth	n/a	ebook/Digital	\$	37.74
The rarest of the rare: vanishing animals, timeless				
				4000
worlds Ocean drifters: a secret world beneath the waves	Ackerman, Diane Kirby, Richard R	Print Print	\$ \$	12.80 25.61

Chernobyl's wild kingdom: life in the dead zone	Johnson, Rebecca L	ebook/Digital	\$ 51.99
The extreme life of the sea	Palumbi, Stephen R	Print	\$ 27.95
Moonbird : a year on the wind with the great			
survivor B95	Hoose, Phillip M	Print	\$ 22.06
Elephant talk the surprising science of elephant			
communication	Downer, Ann	ebook/Digital	\$ 50.60
Primates : the fearless science of Jane Goodall, Dian			
Fossey, and Birute Galdikas	Ottaviani, Jim	Print	\$ 11.09

Total	\$ 2,101.01
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600 Technology

Current average age: 1988

This section accounts for 7% of the library's current holdings. As with the 500's and Science, special attention was given to this section of our collection, with similar reasoning in the need to support STEM and STEAM initiatives. Under the proposed grant budget, 8% of acquisitions would fall under this section and cost a total of \$1017.37

Title	Author	Туре	Price
The new how things work : everyday technology explained	Langone, John	Print	\$ 29.90
Nova scienceNow. : What will the future be like	n/a	DVD	\$ 24.99
The tinkerers : the amateurs, DIYers, and inventors who make			
America great	Foege, Alec	Print	\$ 22.99
Mountains beyond mountains : the quest of Dr. Paul Farmer,			
a man who would cure the world	Kidder, Tracy	Print	\$ 8.54
The handy anatomy answer book	Balaban, Naomi E	Print	\$ 24.46
The human microbiome : the germs that keep you healthy	Hirsch, Rebecca E	Print	\$ 26.04
Brain science	Abramovitz, Melissa	ebook/Digital	\$ 39.95
Fitness & nutrition	Hovius, Christopher	ebook/Digital	\$ 31.95
The ebola epidemic : the fight, the future	Goldsmith, Connie	ebook/Digital	\$ 35.99
Food poisoning and foodborne diseases	Landau, Elaine	ebook/Digital	\$ 51.93
Stem cell research	Marcovitz, Hal	ebook/Digital	\$ 29.95
101 ways to conquer teen anxiety: simple tips, techniques			
and strategies for overcoming anxiety, worry and panic			
attacks	McDonagh, Thomas	Print	\$ 12.76
Conquering negative body image	Jones, Viola	Print	\$ 25.85
Psychotherapy: a graphic guide	Benson, Nigel C	Print	\$ 8.51
Dr. Mutter's marvels : a true tale of intrigue and innovation at	Aptowicz, Cristin		
the dawn of modern medicine	O'Keefe	Print	\$ 14.50

Fourth down and inches : concussions and football's make	break moment	ebook/Digital	\$ 42.65
Living with anxiety disorders	Miller, Allen R	Print	\$ 14.95
62 projects to make with a dead computer and other			
discarded electronics	Sarafan, Randy	Print	\$ 12.76
Basic electronics for tomorrow's inventors	Dossis, Nick	Print	\$ 22.00
Getting started with littleBits: learning and inventing with			
modular electronics	Bdeir, Ayah	ebook/Digital	\$ 9.99
Wind power: 20 projects to make with paper	Dobson, Clive	Print	\$ 12.51
The LEGO Mindstorms EV3 idea book : 181 simple machines			
and clever contraptions	Isogawa, Yoshihito	ebook/Digital	\$ 43.69
What is the future of 3D printing?	Marcovitz, Hal	Print	\$ 32.40
Bombs over Bikini : the world's first nuclear disaster	Goldsmith, Connie	ebook/Digital	\$ 51.93
Underground	Macaulay, David	Print	\$ 7.06
Space junk : the dangers of polluting Earth's orbit	Young, Karen Romano	Print	\$ 25.04
First man : the life of Neil A. Armstrong	Hansen, James R	Print	\$ 17.05
30 Arduino projects for the evil genius	Monk, Simon	Print	\$ 25.00
The Internet of things : do yourself projects with Arduino,			
Raspberry Pi, and BeagleBone Black	n/a	Print	\$ 25.00
Making simple robots : exploring cutting	n/a	Print	\$ 32.13
The LEGO Mindstorms EV3 discovery book : a beginner's			
guide to building and programming robots	Valk, Laurens	ebook/Digital	\$ 43.69
The story of seeds : from Mendel's garden to your plate, and			
how there's more of less to eat around the world	Castaldo, Nancy F	Print	\$ 15.44
Dead zones : why earth's waters are losing oxygen	Hand, Carol	Print	\$ 27.04
The how	n/a	Print	\$ 9.39
Smart strategies for turning an idea into a product or service	Swanson, Jennifer A	ebook/Digital	\$ 51.38
Bioengineering	n/a	ebook/Digital	\$ 38.82
Biofuels	Dudley, William	Print	\$ 32.40
The good, the bad, and the Barbie : a doll's history and her			
impact on us	Stone, Tanya Lee	Print	\$ 7.69
The unofficial LEGO builder's guide	Bedford, Allan	Print	\$ 21.26
Unbuilding	Macaulay, David	Print	\$ 7.79

Total \$ 1,017.3

700 Arts and Recreation

Current average age: 1981

This section accounts for 9% of the library's current holdings. Selections were based on the need to diversity and provide newer how to/hands on guides, while also

choosing items of interest to our student population. Under the proposed grant budget, 3% of acquisitions would fall under this section and cost a total of \$273.40

Title	Author	Туре	Price
American born Chinese	Yang, Gene Luen	Print	\$ 9.39
Americus	Reed, M. K	Print	\$ 14.49
Game coding complete	McShaffry, Mike	Print	\$ 59.99
Hamilton : the revolution : being the complete libretto			
of the Broadway musical, with a true account of its			
creation, and concise remarks on hip		Print	\$ 38.40
Introducing Wagner: a graphic guide	White, Michael	Print	\$ 8.51
Romanticism: a graphic guide	Heath, Duncan	Print	\$ 8.51
Modernism: a graphic guide	Rodrigues, Chris	Print	\$ 7.10
Learn to program with Scratch : a visual introduction to			
programming with games, art, science, and math	Marji, Majed	Print	\$ 29.76
Super Scratch programming adventure! : learn to			
program by making cool games!	n/a	ebook/Digital	\$ 19.95
Planes, gliders, and paper rockets : simple flying things			
anyone can make	n/a	Print	\$ 17.04
Tape it and make it: 101 duct tape activities	Morgan, Richela Fabian	Print	\$ 12.79
The musical brain: a journey of discovery into the			
mystery of music	n/a	DVD	\$ 24.99
The strange and fantastic planet gigantic. Book one, New			
world home	Grissom, Eric	ebook/Digital	\$ 22.48

Total	\$ 273.40
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800 Literature

Current average age: 1969

This section accounts for 16% of the library's current holdings. Literature is the second largest of our current nonfiction sections. Though well stocked with the Classics, it was decided that several newer selections, including young adult poetry, be added to diversify the collection and support new curricula. Under the proposed grant budget, 4% of acquisitions would fall under this section and cost a total of \$282.83.

Title	Author	Туре	Price
The anatomy of curiosity	Gratton, Tessa	ebook/Digital	\$ 18.99

Brighton Beach memoirs	Simon, Neil	Print	\$	11.95
	Jilloli, Nell	FIIII	٦	11.55
Harry, a history: the true story of a boy wizard, his fans, and	A	Duint	_ ا	42.CF
life inside the Harry Potter phenomenon	Anelli, Melissa	Print	\$	13.65
Hurricane dancers: the first Caribbean pirate shipwreck	Engle, Margarita	Print	\$	11.73
	Brown, Laura			
How to write anything: a complete guide	Marie	Print	\$	29.90
Literary criticism: a graphic guide	Holland, Owen	Print	\$	8.51
Shakespeare: a graphic guide	Groom, Nice	Print	\$	7.10
Joyce: a graphic guide	Norris, David	Print	\$	8.51
Walter Benjamin: a graphic guide	Caygill, Howard	Print	\$	8.51
Macbeth.	n/a	DVD	\$	29.99
Journalism	Evans, Julie A	Print	\$	24.00
	Shakespeare,			
A midsummer night's dream	William	DVD	\$	26.00
My own true name new and selected poems for young adults,				
1984	Various	ebook/Digital	\$	35.85
Open mic: riffs on life between cultures in ten voices	Various	Print	\$	6.84
Poetry speaks who I am	Various	Print	\$	7.14
Requiem: poems of the Terezin ghetto	Janeczka, Paul B	Print	\$	5.19
Tell the world : teen poems from WritersCorps	Various	Print	\$	5.84
Time you let me in : 25 poets under 25	Various	Print	\$	15.44
War is: soldiers, survivors, and storytellers talk about war	Various	Print	\$	7.69

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1	Total	\$ 282.83

900 Geography and History

Current average age: 1978

This section accounts for 24% of the library's current holdings. Although Geography and History makes up the largest title selection in our library, these sources are outdated, with many volumes in states of disrepair. The majority of these new acquisitions are for interactive digital eBooks and resources with unlimited user licenses. The interactive nature of these additions are true assets for our students, providing them with enhanced learning features. Many of the new DVD purchases under Geography and History serve as replacements for the VHS tapes that were recently weeded from our collection. Under

the proposed grant budget, 9% of acquisitions would fall under this section and cost a total of \$1493.

Title	Author	Туре	Price
Asia through the ages : early history to European colonialism	Dawson, Patricia	ebook/Digital	\$ 68.46
Cause & effect : the American Revolution	Marcovitz, Hal	ebook/Digital	\$ 39.95
Cause & effect : the French Revolution	Green, Robert	ebook/Digital	\$ 39.95
Cause & effect : World War II	Allen, John	ebook/Digital	\$ 39.95
The election of Barack Obama race and politics in America	Porterfield, Jason	ebook/Digital	\$ 49.43
Antarctica : a year on ice	n/a	DVD	\$ 19.95
America and the Civil War	n/a	DVD	\$ 34.99
American experience. : Last days in Vietnam	n/a	DVD	\$ 24.99
American experience. : The pilgrims	n/a	DVD	\$ 24.99
Archaeology: cities, empires, religion, migrations of the past.	n/a	Print	\$ 30.95
Every bone tells a story: Hominin discoveries, deductions, and			
debates	Rubalcaba, Jill	Print	\$ 19.96
First peoples of the Americas and the European age of exploration	Dawson, Patricia	ebook/Digital	\$ 68.46
Ghosts in the fog: the untold story of Alaska's WWII invasion	Seiple, Samantha	Print	\$ 19.19
I want to live : the diary of a young girl in Stalin's Russia	Lugovskaia, Nina	Print	\$ 14.60
Keys to American history: understanding our most important			
historic documents	Panchyk, Richard	ebook/Digital	\$ 47.97
Kristallnacht the Nazi terror that began the Holocaust	Deem, James M	ebook/Digital	\$ 38.60
Reconstruction : the second Civil War	n/a	DVD	\$ 19.99
Thatcherism : a graphic guide	Pugh, Peter	Print	\$ 8.51
	Feinstein,		
The 1920s	Stephen	ebook/Digital	\$ 51.90
The 1930s	n/a	DVD	\$ 39.99
The American Revolution : life, liberty, and the pursuit of			
happiness	n/a	ebook/Digital	\$ 59.90
The American revolution 3	n/a	DVD	\$ 129.95
The Civil War and Reconstruction eras	n/a	ebook/Digital	\$ 55.90
The early Middle Ages	Woog, Adam	ebook/Digital	\$ 39.95
The First World War: the complete series	n/a	DVD	\$ 34.99
Home front girl : a diary of love, literature, and growing up in			
wartime America	Morrison, Joan	Print	\$ 17.11
The Holocaust: a graphic guide	Bresheeth, Haim	Print	\$ 8.51
The Iraq War : a controversial war in perspective	Miller, Mara	Print	\$ 25.00
The late Middle Ages	Woog, Adam	ebook/Digital	\$ 39.95
The real revolution : the global story of American independence	Aronson, Marc	Print	\$ 18.85
<u> </u>	Anderson,		
The rise of the Roman Empire	Zachary	ebook/Digital	\$ 58.46
The Underground Railroad the journey to freedom	Malaspina, Ann	ebook/Digital	\$ 56.00
The war in Iraq	n/a	Print	\$ 31.70

	Freedman,		
The war to end all wars : World War I	Russell	Print	\$ 7.17
	Driver, Stephanie		
Understanding the Declaration of Independence	Schwartz	Print	\$ 25.38
Who owns history? : rethinking the past in a changing world	Foner, Eric	Print	\$ 19.49
D-Day 360	n/a	DVD	\$ 24.99
Seized by the Sun (Women of Action)	Ure, James	Print	\$ 17.14
A world of her own: 24 amazing women explorers and	Ross, Michael		
adventurers	Elsohn	Print	\$ 17.11
Women heroes of World War I: 16 remarkable resisters, soldiers,	Atwood, Kathryn		
spies, and medics	J	Print	\$ 17.11
Double victory : how African American women broke race and	Mullenbach,		
gender barriers to help win World War II	Cheryl	Print	\$ 17.11
Women heroes of World War II: the Pacific Theater: 15 stories of	Atwood, Kathryn		
resistance, rescue, sabotage, and survival	J	Print	\$ 17.14
Women heroes of the American Revolution : 20 stories of			
espionage, sabotage, defiance, and rescue	Casey, Susan	Print	\$ 17.11
Women of the frontier: 16 tales of trailblazing homesteaders,			
entrepreneurs, and rabble	n/a	Print	\$ 17.11
Courageous women of the Civil War: soldiers, spies, medics, and			
more	Cordell, M. R	Print	\$ 17.14

Total	\$ 1 /02 O5
I lotal	\$ 1,493.05

Reference

Current average age: 1983

This section accounts for 6% of the library's current holdings. In order to bring this section up to date, grant money for reference would be used to purchase:

- a one year unlimited user access to Britannica Library at a cost of \$750.
 Britannica Library allows users to search encyclopedic entries, magazines, websites, news, and other valuable resources, which can all be sorted by user level and reading ability.
- a one year unlimited user access to Britannica Original Sources at a cost of \$750,
 granting users the ability to search over 420,000 original documents.

These subscriptions provide library users with the ability to search online databases containing multiple resources for the most current and up-to-date information as well as historical and original documents. Under the proposed grant budget, 1% of acquisitions would fall under this section and cost a total of \$1500.00

Title	Author	Туре	Price
Britannica Library	Various	Digital Database	\$ 750.00
Britannica Original Sources	Various	Digital Database	\$ 750.00

Total \$ 1,500.00

Biography

Current average age: 1982

This section accounts for 11% of the library's current holdings. With the majority of our current biographies being an average of 34 years old, material discussing prominent figures of the late 20th Century and early 21st Century, as well as updated and new perspectives on historical figures is not available. Titles that offer fresh outlooks, as well as those dealing with more current figures, would be beneficial and more appealing to our student body. Under the proposed grant budget, 20% of acquisitions would fall under this section and cost a total of \$3103.20.

Title	Author	Туре	Price
Alex Rodriguez : a biography	Stewart, Wayne	Print	\$ 42.17
Anne Burrell	Gay, Kathlyn	Print	\$ 28.00
Arnold Schwarzenegger: a biography	Krasniewicz, Louise	Print	\$ 35.69
Arthur Ashe : a biography	Steins, Richard	Print	\$ 37.85
Barack Obama : a biography	Price, Joann F	Print	\$ 42.17
Barack Obama : a biography	Price, Joann F	ebook/Digital	\$ 39.00
Being Jazz : my life as a (transgender) teen	Jennings, Jazz	Print	\$ 38.00
Bill Gates : a biography	Benecraft, Michael	ebook/Digital	\$ 37.00
Beyoncé.	n/a	Print	\$ 10.21
Carl Sagan : a biography	Spangenburg, Ray	Print	\$ 46.49

Carrie Underwood : a biography	Hackett, Vernell	Print	\$	42.17
Chasing Lincoln's killer	Swanson, James L.	DVD	\$	18.50
Christina Aguilera : a biography	Donovan, Mary Anne	Print	\$	42.17
Colin Powell : a biography	Steins, Richard	Print	\$	46.49
Claudette Colvin : twice toward justice	Hoose, Phillip M	Print	\$	5.93
Death of a dreamer the assassination of John Lennon	Behnke, Alison	ebook/Digital	\$	24.95
Diana, Princess of Wales : a biography	Gitlin, Marty	Print	\$	42.17
Donald Trump	n/a	Print	\$	24.95
Elena Kagan : a biography	Greene, Meg	Print	\$	40.01
Ellen DeGeneres : a biography	Iannucci, Lisa	Print	\$	42.17
Elleri Dederictes : a biography	Hollander, Barbara	Time	<u> </u>	12.17
Ellen DeGeneres : television's funniest host	Gottfried, 1970	Print	\$	27.85
Elon Musk and Tesla	Kallen, Stuart A	Print	\$	32.40
Emeril Lagasse	Rauf, Don	Print	\$	28.00
Every falling star : the true story of how I survived and		-	Ţ,	
escaped North Korea	Lee, Sungju	Print	\$	14.56
Bobby Flay	Rauf, Don	Print	\$	28.00
George Lucas : a life	Jones, Brian Jay	Print	\$	27.35
George W. Bush : a biography	Rountree, Clarke	Print	\$	42.17
	Marcello, Patricia			
Gloria Steinem : a biography	Cronin	Print	\$	46.49
Gordon Ramsay	Nagle, Jeanne	Print	\$	28.00
Great Americans in sports, Babe Ruth	Christopher, Matt	DVD	\$	31.99
Great Americans in sports, Mia Hamm	Christopher, Matt	DVD	\$	31.99
Harvey Milk : pioneering gay politician	Grinapol, Corinne	ebook/Digital	\$	53.40
Hillary Clinton	Blohm, Craig E	ebook/Digital	\$	39.95
Hillary Rodham Clinton	Blumenthal, Karen	Print	\$	11.09
J.K. Rowling : a biography	Kirk, Connie Ann	Print	\$	46.49
J.R.R. Tolkien : a biography	Jones, Leslie	Print	\$	46.49
Jane Goodall : a biography	Greene, Meg	Print	\$	37.85
Jennifer Lopez : a biography	Tracy, Kathleen	Print	\$	42.17
John McCain : a biography	Povich, Elaine S	Print	\$	42.17
Johnny Depp : a biography	Blitz, Michael	Print	\$	42.17
Jon Stewart : a biography	Blitz, Michael	Print	\$	40.01
Joyce : a graphic guide	Norris, David	Print	\$	8.51
	Summers, Kimberly			
Justin Timberlake : a biography	Dillon	Print	\$	42.17
	Summers, Kimberly			
Katy Perry : a biography	Dillon	Print	\$	44.33
Lady Gaga : a biography	Johanson, Paula	Print	\$	44.33
Lance Armstrong : a biography	Johanson, Paula	Print	\$	42.17
Lost boy, lost girl : escaping civil war in Sudan	Dau, John Bul	Print	\$	13.61
Madonna : a biography	Cross, Mary	Print	\$	42.17

Michelle Obama : 44th first lady and health and education		1		
advocate	Endsley, Kezia	Print	\$	28.00
Michelle Obama : a biography	Bond, Alma Halbert	ebook/Digital	\$	41.00
Mother Teresa : a biography	Greene, Meg	Print	\$	46.49
Neil deGrasse Tyson	Culp, Jennifer	Print	\$	27.85
Nelson Mandela : a biography	Limb, Peter	Print	\$	42.17
Oprah Winfrey : a biography	Garson, Helen S	Print	\$	42.17
Peyton Manning : a biography	Freedman, Lew	Print	\$	42.17
Pharrell.	n/a	Print	\$	10.21
Prince William : a biography	Price, Joann F	Print	\$	42.17
Rachel Maddow : primetime political commentator	Houts, Amy	ebook/Digital	\$	53.40
Ronald Reagan : a biography	Woodard, J. David	Print	\$	65.82
Seth MacFarlane and Family guy	Snyder, Gail	Print	\$	32.40
Sonia Sotomayor : a biography	Greene, Meg	Print	\$	57.29
Stephen Colbert : a biography	Andronik, Catherine M	Print	\$	44.33
Stephen Hawking : a biography	Larsen, Kristine	Print	\$	37.85
Stephen Hillenburg and SpongeBob SquarePants	Mooney, Carla	ebook/Digital	\$	39.95
Stephen King : a biography	Rolls, Albert	Print	\$	42.17
Steven Spielberg : a biography	Jackson, Kathi	Print	\$	42.17
The many faces of Josephine Baker : dancer, singer, activist,	,			
spy	Caravantes, Peggy	Print	\$	17.11
Tiger Woods : a biography	Londino, Lawrence J	Print	\$	42.17
Tina Fey	Harrison, Kathryn	Print	\$	27.85
Trey Parker, Matt Stone, and South Park	Woog, Adam	ebook/Digital	\$	39.95
Tyler Florence	Gordon, Sherri Mabry	Print	\$	28.00
Will Smith : a biography	Iannucci, Lisa	Print	\$	42.17
Women in space : 23 stories of first flights, scientific				
missions, and gravity	n/a	Print	\$	17.11
Women of steel and stone: 22 inspirational architects,				
engineers, and landscape designers	Lewis, Anna M	Print	\$	17.11
Yo Yo Ma: a biography	n/a	Print	\$	42.17
A world of her own: 24 amazing women explorers and			١.	
adventurers	Ross, Michael Elsohn	Print	\$	17.11
	Cornioley, Pearl			
Code name Pauline : memoirs of a World War II special agent	Witherington	Print	\$	17.11
Reporting under fire: 16 daring women war correspondents	Holliban Varria Laces	Drint	۲	17 11
and photojournalists	Hollihan, Kerrie Logan	Print	\$ \$	17.11
Three little words Women heroes of the American Revolution : 20 stories of	Rhodes-Courter, Ashley	Print	, ,	11.09
espionage, sabotage, defiance, and rescue	Casey, Susan	Print	\$	17.11
Women heroes of World War II : the Pacific Theater : 15	Casey, Susan	riiit	٠	17.11
stories of resistance, rescue, sabotage, and survival	Atwood, Kathryn J	 Print	\$	17.11
Women of the frontier: 16 tales of trailblazing homesteaders,	1 stroody rading 11 v	,	Ť	
entrepreneurs, and rabble-rousers	Miller, Brandon Marie	Print	\$	17.11

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Angelina Jolie : a biography	Tracy, Kathleen	Print	\$	42.17
Dr. Mutter's marvels : a true tale of intrigue and innovation at	Aptowicz, Cristin			
the dawn of modern medicine	O'Keefe	Print	\$	14.50
First man: the life of Neil A. Armstrong	Hansen, James R	Print	\$	17.05
Gift of imagination : the story of Roald Dahl	Gelletly, LeeAnne	Print	\$	31.32
Malala Yousafzai	Kallen, Stuart A	ebook/Digital	\$	39.95
Mark Zuckerberg and Facebook	Kallen, Stuart A	Print	\$	32.40
Mountains beyond mountains : the quest of Dr. Paul Farmer, a				
man who would cure the world	Kidder, Tracey	Print	\$	8.54
Stephen Hawking : a biography	Larsen, Kristine	Print	\$	37.85
Steve Jobs : a biography	Benecraft, Michael	Print	\$	43.25
Steve Jobs : insanely great	Hartland, Jessie	Print	\$	9.39
Steve Jobs: the man who thought different: a biography	Blumenthal, Karen	Print	\$	6.49
Twitter: Jack Dorsey, Biz Stone and Evan Williams	Smith, Chris	Print	\$	31.32

Total	\$ 3,103.20
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