

List of Inquiry Teacher Materials and Resources

While working on Inquiry projects, students will use a variety of materials and web resources. The web resources are provided as suggested options for use. Teachers should refer to their own District or School Acceptable Use Policies and guidelines regarding accessing these resources, and before using them with students.

TITLE	GRADE	SUBJECT	RESOURCES
That's the Truth!	K	ELA	<ul style="list-style-type: none"> KidPix: www.kidpix.com Tux Paint: www.tuxpaint.org Examples of nonfiction texts Drawing software (optional)
Circles, Triangles, and Squares - Oh My!	K	Math	<ul style="list-style-type: none"> Drawing software or word processing software
Let's Write!	K	ELA	<ul style="list-style-type: none"> Story Cards
Needs and Wants	K	Math	<ul style="list-style-type: none"> Chart paper, the board, or interactive whiteboard for class activity
Think Like a Geologist	K	Science	<ul style="list-style-type: none"> A variety of rocks Charity Navigator: Giving Statistics: www.charitynavigator.org/index.cfm?bay=content.view&cpid=42 Measures of Central Tendency: betterlesson.com/lesson/14811/measures-of-central-tendency Measures of Central Tendency and Range: www.glencoe.com/sec/math/msmath/mac04/course1/add_lesson/central_tendency_mac1.pdf Excel Tutorial: www.schooltube.com/video/e2f43b5cb28e4cd19538 Survey Monkey: www.surveymonkey.com Create a Free Online Survey using Google Docs: www.youtube.com/watch?v=5sOFs4ai2oY Mary Fran's Getting Started with Google Sites: sites.google.com/site/mflynchsites 8 Tips for Writing Effective Survey Questions: blogs.constantcontact.com/product-blogs/surveys-and-feedback/how-to-write-survey Weebly for Education: education.weebly.com (optional) Wikispaces for Education: www.wikispaces.com 25+ Sources for Creative Commons Content: www.google.com/search?q=creative+commons+resources The Clever Sheep— 14 Tools to Teach about Creative Commons: thecleversheep.blogspot.com/2008/11/12-tools-to-teach-about-creative.html 50 Open Source Tools That Replace Popular Education Apps: www.datamation.com/osrc/article.php/3888901/50-Open-Source-Tools-That-Replace-Popular-Education-Apps.htm A Short Guide To Open-Source And Similar Licenses: www.smashingmagazine.com/2010/03/24/a-short-guide-to-open-source-and-similar-licenses Resource sites for Public Domain Pictures: www.fcps.edu/ForestvilleES/technology/public_domain_picture_info.html
Where Do We Live?	K	Social Studies	<ul style="list-style-type: none"> Skype in the Classroom: education.skype.com ePals: www.epals.com Twitter: twitter.com Edublogs: edublogs.org Weebly for Education: education.weebly.com British Council Schools Online: schoolsonline.britishcouncil.org/partner-with-a-school Drawing software (optional)

TITLE	GRADE	SUBJECT	RESOURCES
From Fact to Fantasy	1	ELA	<ul style="list-style-type: none"> Short nonfiction books Drawing software (optional)
World of Shapes	1	Math	<ul style="list-style-type: none"> Digital cameras available for student use Index cards
What do you Think?	1	ELA	<ul style="list-style-type: none"> Amazon: www.amazon.com/childrens-books Common Sense Media, Book Reviews: www.commonensemedia.org/book-reviews DOGO books: www.dogobooks.com Good Reads: www.goodreads.com A book Sticky notes or pieces of paper Chart paper, the board, or interactive whiteboard for class activity Word processing software
Spend, Save, Share	1	Math	<ul style="list-style-type: none"> Childrendonate2.org: childrendonate2.org Children's Charities: childrenscharities.org Donors Choose.Org: www.donorschoose.org Skype account: education.skype.com
Out of this World	1	Science	<ul style="list-style-type: none"> The Weather Channel: www.weather.com Wunderground weather: www.wunderground.com Thermometer <i>Weather Words and What They Mean</i> by Gail Gibbons or a similar book about weather words Chart paper, the board, or interactive whiteboard for class activity Presentation software
Where in the World	1	Social Studies	<ul style="list-style-type: none"> National Geographic Kids: kids.nationalgeographic.com/kids Geography for Kids: www.kathimitchell.com/geog.htm PikiWiki: www.pikiwiki.com/ews/index.jsp Weebly for Education: students.weebly.com Chart paper, the board, or interactive whiteboard for class activity Drawing software (optional)

TITLE	GRADE	SUBJECT	RESOURCES
Every Picture Tells a Story	2	ELA	<ul style="list-style-type: none"> GoGooligans: www.Gogooligans.com KidRex: www.kidrex.org Kidz Search: www.kidzsearch.com Weebly: www.weebly.com PikiWiki: www.pikiwiki.com/ews Chart paper, the board, or interactive whiteboard for class activity Printer
The Shapes of Our Lives	2	Math	<ul style="list-style-type: none"> ePals Global Community: www.epals.com Spreadsheet projected for students to see Drawing software (optional)
Friendly Letters	2	ELA	<ul style="list-style-type: none"> Amazon: www.amazon.com/Childrens-Books Harper Collins Childrens: www.harpercollinschildrens.com/Kids/AuthorsAndIllustrators/Websites.aspx Yahoo Directory! Children's Authors: dir.yahoo.com/arts/humanities/literature/authors/children_s/ Google: www.google.com 5 authors to feature, the authors's websites and books by those authors
Rainy Day Savings	2	Math	<ul style="list-style-type: none"> GetSmarterAboutMoney.Ca: www.getsmarteraboutmoney.ca/en/managing-your-money/planning/saving-money/Pages/video-saving-money-for-an-emergency.aspx?group=Funny%20Money&page=1 Weebly for Education: education.weebly.com (optional) Skype account at education.skype.com Chart paper, the board, or interactive whiteboard for class activity Drawing software
Rock Stars	2	Science	<ul style="list-style-type: none"> Brain POP Rock - Types of Rock Movie: glencoe.mcgraw-hill.com/sites/dl/free/0078600472/164213/00044683.html Pearson—The Rock Cycle: www.phschool.com/atschool/phsciexp/active_art/rock_cycle Interactives—Rock Cycle: www.learner.org/interactives/rockcycle Interactives—How Rocks Change: www.learner.org/interactives/rockcycle/change3.html Interactive Rock Cycle Animation: www.classzone.com/books/earth_science/terc/content/investigations/es0602/es0602page02.cfm ReadWriteThink.org—Acrostic Poems: www.readwritethink.org/files/resources/interactives/acrostic Different types of rocks of different sizes, textures, and colors Magnifying glasses Chart paper, the board, or interactive whiteboard for class activity Word processing software
It's Natural	2	Social Studies	<ul style="list-style-type: none"> Natural Resources Defense Council (NRDC): www.nrdc.org/reference/kids.asp Natural Resources Kids Page: your.kingcounty.gov/dnr/kidsweb Weebly for Education: education.weebly.com <i>The Lorax</i> by Dr. Seuss Index cards Books that contain information about natural resources Chart paper, the board, or interactive whiteboard for class activity Word processing software

TITLE	GRADE	SUBJECT	RESOURCES
The Life and Times	3	ELA	<ul style="list-style-type: none"> Wikispaces: www.wikispaces.com Wikispaces page for teachers: www.wikispaces.com/content/teacher Intro to Class Wikis with Wikispaces 1 YouTube video (8:02)—for teachers: www.youtube.com/watch?v=6NRbbskf3cA Wikis in Plain English: www.schooltube.com/video/a14952a6333f4e62affb/Wikis%20in%20Plain%20English Pics4Learning.com: pics.tech4learning.com Flickr: www.flickr.com A short biography, such as <i>A Picture Book of Martin Luther King Jr.</i> by David A. Adler, illustrated by Robert Casilla A short autobiography or part of an autobiography written for the age group, such as <i>Bill Peet: An Autobiography</i>, or a short excerpt from an autobiography written for an older audience, such as the <i>Diary of Anne Frank</i> Word processing software
Riddle Me This	3	Math	<ul style="list-style-type: none"> Math-Salamanders.com: www.math-salamanders.com/free-printable-geometry-worksheets.html Scribble Press: www.scribblepress.com/make.php Digital cameras Chart paper, the board, or interactive whiteboard for class activity Presentation software (optional)
Write it Up!	3	ELA	<ul style="list-style-type: none"> School or district approved document sharing site or wiki Wikispaces: www.wikispaces.com Chart paper, the board, or interactive whiteboard for class activity
Stand by Your Plan	3	Math	<ul style="list-style-type: none"> The Mint: themint.org/kids/what-kind-of-spender-are-you.html Bank It: www.bankit.com/youth Practical Money Skills for Life: www.practicalmoneyskills.com/personalfinance/savingspending/saving Earning Spending & Saving for Kids.wmv (YouTube): www.youtube.com/watch?v=dK7CzL0D_IM How to Set Your Money Goals (YouTube): www.youtube.com/watch?v=VVlbCwG1YHI Podomatic: www.podomatic.com/login Chart paper, the board, or interactive whiteboard for class activity
Back to Nature	3	Science	<ul style="list-style-type: none"> Scholastic Study Jams! Natural Resources: studyjams.scholastic.com/studyjams/jams/science/energy-light-sound/natural-resources.htm Study Shack: www.studystack.com/flashcard-172934 The Free Resource: www.thefreeresource.com/natural-resources-what-are-natural-resources-facts-information-and-resources-for-kids AuthorStream: www.authorstream.com Brainshark: www.brainshark.com Prezi for Education: prezi.com/prezi-for-education Chart paper, the board, or interactive whiteboard for class activity Presentation software
A Look From Above	3	Social Studies	<ul style="list-style-type: none"> US Geological Survey, Satellite Images: education.usgs.gov/primary.html Google Earth: www.google.com/intl/en/earth National Geographic Education: education.nationalgeographic.com/education/st/?ar_a=4 National Geographic Education, MapMaker: education.nationalgeographic.com/education/mapping/outline-map/?map=Asia&ar_a=1 Defenders of Wildlife: www.defenders.org Britannica Kids: kids.britannica.com Chart paper, the board, or interactive whiteboard for class activity Drawing software (optional)

TITLE	GRADE	SUBJECT	RESOURCES
State the Facts	4	ELA	<ul style="list-style-type: none"> Virginia Tech, Evaluating Web Pages: www.lib.vt.edu/instruct/evaluate A Teacher's Bag of Tricks: Kid-Friendly Search Engines and Reference Sites: sites.google.com/site/ateachersbagoftricks/kid-friendly-search-engines Boolify: www.boolify.org KidsClick!: www.kidsclick.org KidRex: www.kidrex.org
Find the Angle	4	Math	<ul style="list-style-type: none"> Cards Spreadsheet software
Let's Be Safe Online	4	ELA	<ul style="list-style-type: none"> PBS Kids Webonauts Internet Academy: pbskids.org/webonauts NetSmartz Workshop: www.netsmartzkids.org Disney Safe Surfing: www.disney.co.uk/DisneyOnline/Safesurfing Word processing program Chart paper, the board, or interactive whiteboard for class activity
Be Money Smart	4	Math	<ul style="list-style-type: none"> FDIC Consumer News Teaching Kids the Financial Facts of Life: www.fdic.gov/consumers/consumer/news/cnwin9798/kids.html Texas Society of Public Certified Public Accountants, recommended reading list (K-12) for financial literacy: valueyourmoney.org/media/Recommended%20Reading%20List.pdf A book about allowances or money management Spreadsheet software
Outlining the Water Cycle	4	Science	<ul style="list-style-type: none"> Interactive Water Cycle (from Iowa Public Television): www.iptv.org/exploremore/water/in_depth/interactive_version2.swf USGS Water Cycle for Kids (available in multiple languages, including English and Spanish): ga.water.usgs.gov/edu/watercycle-kids.html Discovery Education Interactive Water Cycle: player.discoveryeducation.com/views/hhView.cfm?guidAssetId=087777c8-4ff0-45d2-878f-e7cd90f7ee19 Prezi for Education (for optional extension activity): prezi.com/prezi-for-education Scholastic Water Cycle Study Jams (includes an animated video): www.scholastic.com/teachers/activity/water-cycle-studyjams-activity Audio/video lesson on the water cycle: platform.learning.com/scormcontent/courses/3U2ESL3/content/ScormDriver.html Audio overview: platform.learning.com/Interface/UserContent/987b5cf6-7bf0-44a7-857c-ce67b9f06e76/Water_cycle.mp3 A visual representation of the water cycle: www.iptv.org/exploremore/water/in_depth/interactive_version2.swf Word processing software Drawing software (optional)
State Regions	4	Social Studies	<ul style="list-style-type: none"> Resources (i.e., websites, books, videos, textbooks) about the regions of your classroom's home state (or other location that aligns with the current curriculum) A map of your state Presentation software

TITLE	GRADE	SUBJECT	RESOURCES
Finding Facts in Fiction	5	ELA	<ul style="list-style-type: none"> Glogster EDU: edu.glogster.com/glogpedia/ A fictional selection (a short story, a picture book, or an excerpt from a chapter book)
Advice Column	5	ELA	<ul style="list-style-type: none"> Survey Monkey: www.surveymonkey.com Survey Tool.com: www.surveytool.com/questionnaire-for-children/ Science Buddies: www.sciencebuddies.org/science-fair-projects/project_ideas/Soc_survey.shtml Word processing software.
What's the Point?	5	Math	<ul style="list-style-type: none"> <i>The Fly on the Ceiling</i> by Julie Glass Khan Academy: www.khanacademy.org/math/algebra/linear-equations-and-inequalities/coordinate-plane/e/graphing_points Chart paper, the board, or interactive whiteboard for class activity Drawing software (optional)
Decisions, Decisions!	5	Math	<ul style="list-style-type: none"> PBSkids.org: pbskids.org/itsmylife/games/mad_money_flash.html and pbskids.org/itsmylife/money/managing/print_sample_budget_sheet.html TheMint.org: www.themint.org/kids/saving-calculator.html Money&Stuff.info: www.moneyandstuff.info/pdfs/SampleBudgetforKids.pdf Chart paper, the board, or interactive whiteboard for class activity Spreadsheet software
What is the Alternative	5	Science	<ul style="list-style-type: none"> National Geographic: video.nationalgeographic.com/video/environment/energy-environment/alternative-energy YouTube: Stop Motion Film: Renewable vs NonRenewable Energy Sources: www.youtube.com/watch?v=pBTnVoElb98 NeoK12: www.neok12.com/pictures/Energy-Sources.htm energy KIDS: www.eia.gov/kids/energy.cfm?page=2 Alliant Energy Kids: www.alliantenergykids.com/EnergyandTheEnvironment/RenewableEnergy/index.htm Science Fridays: Podcasts: www.sciencefriday.com/topics/energy.html Make Tech Easier: maketecheasier.com/add-tags-in-windows-files-for-quick-and-easy-searching/2010/05/17 Word processing software.
Environmental Changes	5	Social Studies	<ul style="list-style-type: none"> USDA: www.usda.gov/wps/portal/usda/usdahome?navtype=SU&navid=NATURAL_RESOURCES National Environmental Education Week: www.eeweek.org Eduplace: www.eduplace.com/geonet Effects on People and the Environment from EPA.Gov: www.epa.gov/climate/climatechange/kids/impacts/effects/index.html Teachology Timeline Maker: www.teach-nology.com/web_tools/materials/timelines Timeglider: timeglider.com/index.php OurTimelines.com: www.ourtimelines.com/create_tl_2c.html Timetoast: www.timetoast.com Chart paper, the board, or interactive whiteboard for class activity

TITLE	GRADE	SUBJECT	RESOURCES
Small Screens, Big Thinkers	6	ELA	<ul style="list-style-type: none"> Determining the Effects of Technology on Children: digitalcommons.uri.edu/cgi/viewcontent.cgi?article=1212&context=srhonorsprog Children and Technology: The Good, the Bad, and the Dangerous: blog.rabbijason.com/2012/03/children-and-technology-good-bad-and.html Confessions of a Teen-age Internet Pirate: www.ypulse.com/post/view/confessions-of-a-teenage-internet-pirate Is advanced technology invading our freedom to think and work?: www.debate.org/opinions/is-advanced-technology-invading-our-freedom-to-think-and-work Is Technology Sapping Children's Creativity: www.washingtonpost.com/blogs/answer-sheet/post/is-technology-sapping-childrens-creativity/2012/09/12/10c63c7e-fced-11e1-a31e-804fccb658f9_blog.html Is Teenage Hacking on the Rise?: blog.fortinet.com/is-teenage-hacking-on-the-rise "What's the Gist?" Summary Writing for Struggling Adolescent Writers: www.fisherandfrey.com/wp-content/uploads/2010/01/vm-gist.pdf Brief examples of narrative, expository, and technical writing Chart paper Word processing application Spreadsheet software
Kidtown	6	Math	<ul style="list-style-type: none"> Geometry Games and Resources: www.homeschoolmath.net/online/geometry.php#polygons Geometry Test Practice: www.classzone.com/books/geometry/lessonquiz_national.cfm GeoGebra: www.geogebra.org/cms A collection of interactive and informational resources on angles and polygons Drawing software (optional)
Write Like the Pros	6	ELA	<ul style="list-style-type: none"> Video Interviews with Top Children's Book Authors: www.readingrockets.org/books/interviews Top Young Adult Authors: www.adlit.org/authors John Scalzi's Utterly Useless Writing Advice: whatever.scalzi.com/2004/12/17/john-scalzis-utterly-useless-writing-advice 15 Famous Authors on Why They Write: www.flavorwire.com/303590/15-famous-authors-on-why-they-write Writing Habits of 21 Famous Authors: www.lenasledgeblog.com/2011/12/writing-habits-of-21-famous-authors.html Computer Ergonomics for Kids: www.healthycomputing.com/kids/computers.html Drag on Tape: www.dragontape.com Pixorial: www.pixorial.com Cellsea: www.cellsea.com/media/vindex.htm Wevideo: www.wevideo.com Video Editor: itunes.apple.com/app/video-editor-free/id450722848?ign-mpt=uo%3D6&mt=8 Splice Video Editor: itunes.apple.com/app/splice-video-editor-free/id409838725?ign-mpt=uo%3D6&mt=8 VideoPix: itunes.apple.com/us/app/videopix-video-frame-capture/id399250641?mt=8 Magisto: play.google.com/store/apps/details?id=com.magisto&hl=en 10 video editing apps for Android, iPhone and iPad: www.phonearena.com/news/10-video-editing-apps-for-Android-iPhone-and-iPad_id36140 Audio Expert: www.audioexpert.com Audacity: audacity.sourceforge.net Wavosaur: www.wavosaur.com Audioboo: audioboo.fm A wiki or website where students will share work Word processing software
Take Some Credit	6	Math	<ul style="list-style-type: none"> Are Credit Cards for Tweens and Teens a Good Idea? beingfrugal.net/credit-cards-for-teens/ Mobile Payment – Wikipedia: en.wikipedia.org/wiki/Mobile_payment Student Credit Cards: www.creditcards.com/college-students.php The Truth about Teens and Credit Cards: www.daveramsey.com/article/the-truth-about-teens-and-credit-cards

Take Some Credit	6	Math	<ul style="list-style-type: none"> • 25+ Sources for Creative Commons: mashable.com/2007/10/27/creative-commons • The Clever Sheep— 14 Tools to Teach about Creative Commons: thecleversheep.blogspot.com/2008/11/12-tools-to-teach-about-creative.html • 10 Things to Be Certain Teens Know about Credit Cards: cashmoneylife.com/credit-card-tipsfor-teens • The Best Credit Cards for Teens: www.sheknows.com/parenting/articles/950819/the-best-credit-cards-for-teens • Excel Tutorials: cybersleuth-kids.com/sleuth/Computer/Tutorials/Excel_Tutorials/index.htm • Top 9 Free Web Tools to Develop Students Creativity: www.educatorstechnology.com/2012/06/top-9-free-web-tools-to-develop.html • Examples of Technical Writing for Students: freelance-writing.lovetoknow.com/Examples_of_Technical_Writing_for_Students • 50 Open Source Tools That Replace Popular Education Apps: www.datamation.com/osrc/article.php/3888901/50-Open-Source-Tools-That-Replace-Popular-Education-Apps.htm • A Short Guide To Open-Source And Similar Licenses: www.smashingmagazine.com/2010/03/24/a-short-guide-to-open-source-and-similar-licenses/ • A list of resource sites for public domain pictures: www.fcps.edu/ForestvilleES/technology/public_domain_picture_info.html • Spreadsheet software • Word processing software
Hard Rock, Soft Rock, Why Rock?	6	Science	<ul style="list-style-type: none"> • Teaching the Rock Cycle: mjksciteachingideas.com/rocks.html • The Rock Cycle Diagram: www.learner.org/interactives/rockcycle/diagram.html • Why Should We Study Rocks? ratw.asu.edu/aboutrocks_why.html • Moon Rock - Wikipedia: en.wikipedia.org/wiki/Moon_rock • Mars Rover Comes across a Rock that's a True Curiosity: www.nbcnews.com/id/49381988/ns/technology_and_science-space • Oil Exploration: www.tshaonline.org/handbook/online/articles/doo15 • How Do Geologists Know How Old a Rock Is? geology.utah.gov/surveynotes/gladasked/gladage.htm • Web 2.0 Teaching Tools: edjudo.com/web-2-0-teaching-tools-links • Kids' Vid: kidsvid.4teachers.org • Copyright and Fair Use Guidelines for Teachers: www.halldavidson.net/chartshort.html • K-W-L Charts: wvde.state.wv.us/strategybank/KWLCharts.html • 25+ Sources for Creative Commons: www.google.com/search?q=creative+commons+resources • The Clever Sheep— 14 Tools to Teach about Creative Commons: thecleversheep.blogspot.com/2008/11/12-tools-to-teach-about-creative.html • 50 Open Source Tools That Replace Popular Education Apps: www.datamation.com/osrc/article.php/3888901/50-Open-Source-Tools-That-Replace-Popular-Education-Apps.htm • A Short Guide To Open-Source And Similar Licenses: www.smashingmagazine.com/2010/03/24/a-short-guide-to-open-source-and-similar-licenses • A variety of rocks • Chart paper, the board, or interactive whiteboard for class activity • Skype in the Classroom: education.skype.com • Audio or video presentation software
Tech No-Nos	6	Social Studies	<ul style="list-style-type: none"> • World Anti-Piracy Observatory: portal.unesco.org/culture/en/ev.php-URL_ID=39515&URL_DO=DO_TOPIC&URL_SECTION=201.html • Is Teenage Hacking on the Rise? blog.fortinet.com/is-teenage-hacking-on-the-rise • Alarm raised on teenage hackers : news.bbc.co.uk/2/hi/technology/7690126.stm • Stop Cyberbullying: www.stopcyberbullying.org/index2.html • Balsamiq (wireframing program): www.balsamiq.com • Mockingbird (collaborative online wireframing program for Chrome browsers): www.gomockingbird.com • The Top 50 Inventions of the Past 50 Years: www.popularmechanics.com/technology/gadgets/news/2078467 • 2 wikis or websites where students can share their ideas

TITLE	GRADE	SUBJECT	RESOURCES
Isn't It The Truth	7	ELA	<ul style="list-style-type: none"> Persuasive writing examples: www.middleschooldebate.com/topics/topicresearch.htm# Video Public Service Announcements: www.insurance.ca.gov/video/0010VideoPSA/ Kickstarter: www.kickstarter.com As Seen on TV Infomercials: www.asontvinfomercials.com 75 Award Winning Creative Advertisements: www.presidiacreative.com/75-award-winning-creative-advertisements/ Advertorials - Powerful Ads in Camouflage: ezinearticles.com/?Advertorials---Powerful-Ads-in-Camouflage&id=853757 A variety of examples of different kinds of persuasive media, such as advertisements, election material, and posters Choice of technology tools to use in presenting persuasive digital text
Where 2-D and 3-D Intersect	7	Math	<ul style="list-style-type: none"> 3-D Drawing: mathforum.org/workshops/sum98/participants/sanders A collection of activities and articles about drawing 3-D figures Geometry 3-D Shapes: www.learner.org/interactives/geometry/about.html A tool for students to explore three-dimensional shapes How Do You Make a Flat Map of a Round World? historymatters.gmu.edu/mse/maps/question2.html An explanation with illustrations about two-dimensional maps of the earth Google Earth: www.google.com/earth A free downloadable program with multiple options for viewing the earth's geography A collection of photos (online or displayed in some other way) A globe A flat map of the world
Writing Paths	7	ELA	<ul style="list-style-type: none"> How to Generate Hundreds of Writing Ideas: www.dailywritingtips.com/how-to-generate-hundreds-of-writing-ideas Getting Feedback: writingcenter.unc.edu/handouts/getting-feedback Metacognition: www.hent.org/world/rss/files/metacognition.htm What Are Ergonomics? www.typingpal.com/ergonomics/ergonomics.swf Visual.ly, infographics site: create.visual.ly Easel.ly, infographics site: www.easel.ly Bubbl.us, mind mapping program (for flowcharts): bubbl.us Edudraw, mind mapping program (for flowcharts): www.edrawsoft.com/concept-mapping-software.php What is Creative Commons for Teachers and Students: opencontent.uct.ac.za/files/siteimages/1_understandingCC.PDF 30+ Places To Find Creative Commons Media: www.sitepoint.com/30-creative-commons-sources What does open source mean? computer.howstuffworks.com/question435.htm Copyright and Creative Commons: creativecommons.org/licenses A wiki or website where students will share work Word processing and/or graphics software

Philanthropy 101	7	Math	<ul style="list-style-type: none"> Charity Navigator: Giving Statistics: www.charitynavigator.org/index.cfm?bay=content.view&cpid=42 Measures of Central Tendency: betterlesson.com/lesson/14811/measures-of-central-tendency Measures of Central Tendency and Range: www.glencoe.com/sec/math/msmath/mac04/course1/add_lesson/central_tendency_mac1.pdf EXCEL Tutorial: www.schooltube.com/video/e2f43b5cb28e4cd19538 Survey Monkey: www.surveymonkey.com Create a Free Online Survey using Google Docs: www.youtube.com/watch?v=5sOFs4ai2oY Mary Fran's Getting Started with Google Sites: sites.google.com/site/mflynchsites 8 Tips for Writing Effective Survey Questions: blogs.constantcontact.com/product-blogs/surveys-and-feedback/how-to-write-survey Weebly for Education: education.weebly.com (optional) Wikispaces for Education: www.wikispaces.com 25+ Sources for Creative Commons Content: mashable.com/2007/10/27/creative-commons The Clever Sheep— 14 Tools to Teach about Creative Commons: thecleversheep.blogspot.com/2008/11/12-tools-to-teach-about-creative.html 50 Open Source Tools That Replace Popular Education Apps: www.datamation.com/osrc/article.php/3888901/50-Open-Source-Tools-That-Replace-Popular-Education-Apps.htm A Short Guide To Open-Source And Similar Licenses: www.smashingmagazine.com/2010/03/24/a-short-guide-to-open-source-and-similar-licenses Resource sites for Public Domain Pictures: www.fcps.edu/ForestvilleES/technology/public_domain_picture_info.html A wiki or website where students will share work
Healthy Watersheds, Healthy Communities	7	Science	<ul style="list-style-type: none"> Science in Your Watershed: water.usgs.gov/wsc Mapping Watersheds: education.nationalgeographic.com/education/activity/mapping-watersheds/?ar_a=1 LCRA Maps: maps.lcra.org/default.aspx?MapType=Watershed%20Posters USGS Topographical Maps: topographicalmaps.com Watersheds 101: www.youtube.com/watch?v=ofTdgIXriug How Watersheds Work: science.howstuffworks.com/environmental/conservation/issues/watershed.htm Understanding the Water Cycle: www.watershedatlas.org/watershed/fs_watercyclens.html How to Read a Topographic Map and Delineate a Watershed: www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_015346.pdf Understanding Consumer Confidence Reports: www.cdc.gov/healthywater/drinking/public/understanding_ccr.html Examples of Technical Writing for Students: freelance-writing.lovetoknow.com/Examples_of_Technical_Writing_for_Students Topographical maps and models, preferably three-dimensional as well as digital Materials, both print and online, with information the watershed in your community Word processing or graphics software
Tech Times	7	Social Studies	<ul style="list-style-type: none"> NASA: www.nasa.gov Science and Technology in the United States: en.wikipedia.org/wiki/Science_and_technology_in_the_United_States 10 NASA Inventions You Might Use Every Day: dsc.discovery.com/tv-shows/curiosity/topics/ten-nasa-inventions.htm Greatest Engineering Achievements of the 20th Century: en.wikipedia.org/wiki/Greatest_Engineering_Achievements_of_the_20th_Century The Top 50 Inventions of the Past 50 Years: www.popularmechanics.com/technology/gadgets/news/2078467 7 Habits of Highly Effective Online Discussion Participants: www.cats-pyjamas.net/2008/08/7-habits-of-highly-effective-online-discussion-participants Examples of Technical Writing for Students: freelance-writing.lovetoknow.com/Examples_of_Technical_Writing_for_Students Resources about technology in the state Online discussion board or forum

TITLE	GRADE	SUBJECT	RESOURCES
Class Wiki	8	ELA	<ul style="list-style-type: none"> • Cornell University Library MLA Citation Guide: www.library.cornell.edu/resrch/citmanage/mla • Wikis in Plain English YouTube video (3:53)—for students: www.youtube.com/watch?v=-dnL00TdmLY • Wikis in Plain English SchoolTube video (3:53)—for students: www.schooltube.com/video/a14952a6333f4e62affb/Wikis%20in%20Plain%20English • Intro to Class Wikis with Wikispaces 1 YouTube video (8:02)—for teachers: www.youtube.com/watch?v=6NRbbskf3cA • How to Create a Wiki with Wikispaces SchoolTube video—for teachers: www.schooltube.com/video/a571435ae3ed435e8dc4 • Account on Wikispaces: www.wikispaces.com and a wiki where students will share work • Idea of the research topic(s)
Mandala	8	Math	<ul style="list-style-type: none"> • Students Creating a Sand Mandala-Tools for Peace1 YouTube Video (1:38)—for students: www.youtube.com/watch?v=94SU6hllvu8 • Exalted Tibetan Monks Creating Sand Mandalas of Compassion SchoolTube video—for students: bit.ly/n6aQ63 • Excellent Teacher Tips On the use of Google Plus in Education, educatorstechnology.com—for teachers: www.educatorstechnology.com/2012/11/excellent-tips-for-teachers-on-use-of.html • Google+ Communities Tutorial YouTube video (14:05)—for teachers: www.youtube.com/watch?feature=player_embedded&v=NYOUKVmEORK • How to use Google+ YouTube video (4:57)—for everyone: www.youtube.com/watch?v=T6OG06vGixc • Wikispaces: www.wikispaces.com • Wikihow: How to Draw a Mandala: www.wikihow.com/Draw-a-Mandala • Google+: plus.google.com • Motion Geometry: Rotations, Reflections and Translations YouTube Video (6:35)—for students: www.youtube.com/watch?v=NY2cDTpsvBA • Motion Geometry: Rotations, Reflections, and Translations SchoolTube video (6:35)—for students: bit.ly/oznCJC • Math is Fun.com: www.mathsisfun.com/geometry • Ms. Parry's guide to correct online etiquette, stopcyberbullying.org: www.stopcyberbullying.org/tweens/msparrysguidetonetiquette.html • Paper, rulers, compasses, and colored pencils/crayons/marker • Access to a computer lab and document scanner
Persuasive Essay and the Writing Process	8	ELA	<ul style="list-style-type: none"> • Thesaurus.com: thesaurus.com • Merriam-Webster online thesaurus: www.merriam-webster.com/dictionary/thesaurus • Dictionary.com: dictionary.reference.com • Merriam-Webster online dictionary: www.merriam-webster.com • Introducing the Comma, Daily Writing Tips: www.dailywritingtips.com/introducing-the-comma • Six Rules for Making Subjects and Verbs Agree, Daily Writing Tips: www.dailywritingtips.com/six-rules-for-making-subjects-and-verbs-agree • Wordle.net Word Cloud Generator: www.wordle.net • Tagxedo.com Word Cloud Generator: www.tagxedo.com • ABCYa.com Word Cloud Generator: www.abcya.com/word_clouds.htm • Word it Out Word Cloud Generator: worditout.com/word-cloud/make-a-new-one • Word processing software (optional)
Building a Balanced Budget	8	Math	<ul style="list-style-type: none"> • Glassdoor.com: www.glassdoor.com • Net Pay Calculator 1: www.paycheckcity.com • Net Pay Calculator 2: www.adp.com • IRS Withholding Calculator: www.irs.gov • FuelEconomy.gov: www.fueleconomy.gov • Intuit Payroll Calculator: payroll.intuit.com • Spreadsheet software

Plate Tectonics	8	Science	<ul style="list-style-type: none"> • What is a Tectonic Plate? pubs.usgs.gov/gip/dynamic/tectonic.html • Tectonic Plates, Earthquakes, and Volcanoes: www.teachersdomain.org/asset/ess05_int_tectonic • Plate Tectonics Map: geology.com/plate-tectonics.shtml • Plate Tectonics: An Introduction Video (2:21): www.pbslearningmedia.org/resource/ess05.sci.ess.earthsys.plateintro/plate-tectonics-an-introduction • Plate Tectonics Moving and Shaking: science.nationalgeographic.com/science/earth/the-dynamic-earth/plate-tectonics-article • Creative Commons presentation on sharing creative works: wiki.creativecommons.org/Sharing_Creative_Works • GIF generators: gifmaker.me; imgflip.com/gifgenerator; gickr.com; picasion.com; makeagif.com • Each pair of students to have: <ul style="list-style-type: none"> • Access to a computer • Access to a digital camera • Approximately two ounces of play dough or soft clay • Two 3x5 note cards (or cut poster board or thin cardboard)
The Trail of Tears	8	Social Studies	<ul style="list-style-type: none"> • Edmodo: www.edmodo.com • Schoology: www.schoology.com • Schooltube—Andrew Jackson—Trail of Tears (7:55): http://www.schooltube.com/video/10ab73bc9f1d4dc89014/AndrewJackson-TrailofTears • YouTube—Trail of Tears DVD Part I (18:11): youtu.be/FiJ5HYEaY48 • YouTube—Trail of Tears DVD Part II (4:45): youtu.be/TVekk7VTgFA • National Historic Trail Map Viewer: http://imgis.nps.gov • Trail of Tears Video: www.nps.gov/trte/photosmultimedia/dvd.htm • The Indian Removal Act of 1830: www.historynet.com/indian-removal-act • Worcester v. Georgia: www.oyez.org/cases/1792-1850/1832/1832_2/ • John L. O'Sullivan on Manifest Destiny, 1839: www.pbs.org/keras/usmexicanwar/resources/manifest_destiny_sullivan.html • Gen. Winfield Scott's Address to the Cherokee Nation (May 10, 1838): georgiainfo.galileo.usg.edu/topics/history/article/antebellum-era-1801-1860/gen-winfield-scotts-address-to-the-chokeee-nation • Memorial of the Ladies of Steubenville, Ohio (1830): www.digitalhistory.uh.edu/active_learning/explorations/indian_removal/ladies.cfm/ • Cherokee letter protesting the Treaty of New Echota: www.pbs.org/wgbh/aia/part4/4h3083t.html • Transcript of President Andrew Jackson's Message to Congress 'On Indian Removal' (1830): www.ourdocuments.gov/doc.php?flash=true&doc=25&page=transcript/ • Ralph Waldo Emerson's Letter to Martin Van Buren (1836): www.cherokee.org/AboutTheNation/History/TrailofTears/RalphWaldoEmersonsLetter.aspx • John Burnett's Story of the Trail of Tears: www.cherokee.org/AboutTheNation/History/TrailofTears/JohnBurnettsStoryoftheTrailofTears.aspx • "We have unexpectedly become civilized": www.learnnc.org/lp/editions/nchist-newnation/5234 • David Crockett to Charles Schultz (25 December 1834): www.scribd.com/doc/83075312/Davy-Crockett-on-the-removal-of-the-Cherokees-1834#fullscreen/ • Issac McCoy to Robert Simerwell (April 12, 1830): www.kansasmemory.org/item/219170/ • Cyber Bullying Safety Tips: www.trendmicro.com/cloud-content/us/pdfs/home/brochures/br_cyberbullying_safety.pdf • Netiquette: www.networketiquette.net • Cyber Ethics: www.ikeepSAFE.org/educators/more/c3-matrix/cyber-ethics • Account on Edmodo or Schoology • Primary source documents (optional)