

## Annotated List of Resources Available on the Web by Grade and Subject Area

### Language Arts

**Poetry Foundation:** This website, created by *Poetry* magazine publisher Poetry Foundation, features articles about poetry in the form of interviews and essays. The website has a search box so educators can search for specific topics, such as elliptical poetry or certain poets. The website offers several RSS feeds, such as Poem of the Day and Glossary Term of the Day, which educators may find useful for sparking ideas for future lessons.

Link: <https://www.poetryfoundation.org/features/articles>

Word count: Usually 2,000–3,000 words per article

**High School**

**Ploughshares:** This website, maintained by Emerson College, allows visitors to sample pieces of the *Ploughshares* magazine, which publishes fiction, poetry, and essays. Each issue has a guest editor; past editors have included Seamus Heaney and Tobias Wolff. The website also hosts a blog, which offers more articles on such literary themes as publisher and book reviews, providing more material for educators to use.

Link: <http://www.pshares.org/index.cfm>

Word count: Usually 1,500–2,000 words per literary piece

**High School**

**Cicada:** This website, a companion to *Cicada* magazine (part of the Cricket Magazine Group), has content for children aged 14 and older. It publishes short fiction, poetry, essays, comic reviews, and interviews with writers. Site visitors can access excerpts from the current magazine issue, along with excerpts from a few past issues. *Cicada* also features short interviews with artists that provide content for the magazine; educators can also ask students to summarize these interviews.

Link: <http://www.cicadamag.com/>

Word count: Usually 500–800 words per literary piece

**Middle, High School**

### Science

**HighlightsKids:** Produced by Highlights for Children, this website contains content for children aged 2 through 12. The articles are mostly on biology and nature, with some additional topics, such as space exploration. The website has a limited search feature, but it does have recordings of the articles, which may be helpful for educators who are assigning the articles to younger students.

Link: <http://www.highlightskids.com/articles>

Word count: Usually 350–500 words per article

**Primary, Upper Elementary School**

**Super Science:** Maintained by Scholastic, this source of non-fiction science content covers the areas of Life, Earth, and Physical sciences. Review quizzes and activities are included with each magazine or online issue for assessment and reinforcement and Teacher's guides are provided and include lesson plans, activities, links, quizzes, and standards connections.

Link: <http://superscience.scholastic.com>

Word count: Varies, usually 500+ words

**Elementary, Middle School**

**Science News for Students:** A resource of the *Society for Science & the Public* that focuses on providing science resources for the classroom. The articles are organized by curriculum topics such as Anatomy, Biology, Chemistry, Forensic Science, Marine Biology, Physics, and more. Included in these categories are sub-headings for a more refined search on a specific topic. At the end of each article, there is a list of "Power Words," vocabulary words specific to the article with definitions. The Science Projects Resources section provides standards and guidelines that help the first-time researcher to the advanced student discover high-quality, independent scientific research. Both teachers and students can sign up for this web site's newsletter and updates.

Link: <https://student.societyforscience.org/sciencenews-students>

Word count: Varies, 500-2000 words per article, typically 1000

**Upper Elementary, Middle, High School**

**Ranger Rick:** Hosted by the National Wildlife Federation, *Ranger Rick* contains articles designed for students aged 7 through 12, accessed on the homepage by clicking on the links in the *Ranger Rick* magazine box in the middle of the page. Educators can also use the search box at the top of the site's web pages to find articles on particular topics. This website is limited to articles pertaining to animals and nature.

Link: <http://www.nwf.org/Kids/Ranger-Rick.aspx>

Word count: Usually 400–1,000 words per article

**Upper Elementary, Middle School**

**Scientific American:** Maintained by Scientific American Inc., this website publishes articles on such topics as fuel cells, dinosaurs, neurology, and quantum physics. Educators can subscribe to a RSS feed for each of these topics, allowing them to see when relevant articles become available. The site also offers a search box on its pages.

Link: <http://www.scientificamerican.com/>

Word count: Usually 600–900 words per article

**Middle, High School**

**ChemMatters:** Produced by the American Chemical Society, this website contains articles aimed at high school students from *ChemMatters* magazine. From the homepage, educators can click on links to the free articles in the current issue, as well as view selected articles from past issues through the Past Issues link. Topics, focused on solely chemistry, include metals and nonmetals, food, and bonding. The site even provides Spanish translation for selected articles.

Link: <http://www.acs.org/content/acs/en/education/resources/highschool/chemmatters.html>

Word count: Usually 1,000–2,000 words per article

**High School**

**The National High School Journal of Science:** This website is offered by and contains articles from *The National High School Journal of Science*, which is a free, peer-reviewed journal written by and for high school students. The journal also has a Scientist Advisory Board of professionals from across the health sciences and engineering fields who help review the articles before publication. Educators can browse the most recent edition on the homepage or browse by subject using the Subjects tab. Subjects covered include physics, biology, and environment.

Link: <http://nhsjs.com/>

Word count: Usually 2,000–2,500 words per article

**High School**

**Discover:** Owned by Kalmbach Publishing, this site is companion to *Discover* magazine. Articles are categorized by topics, such as health and medicine, space and physics, and environment, and are further divided into subtopics, such as climate change and pollution. A select number of articles from the current issue are available for free, as are some articles in the issue archive, which goes back to 1987. Educators can also sign up for RSS feeds to receive new articles.

Link: <http://discovermagazine.com/>

Word count: Usually 600–1,500 words per article

**High School**

## **Social Studies**

**KidsPost:** This website is owned by *The Washington Post* and contains articles specifically for students in grades 2 through 7. Its search box and its Latest *KidsPost* Stories section help educators navigate its collection of articles on current events (both national and international), politics, sports, and art, among others. The Feature Stories section offers longer articles for students at higher reading levels, while the rest of the website has shorter articles for those at the primary school level.

Link: <http://www.washingtonpost.com/lifestyle/kidspost/>

Word count: Usually 300–700 words per article

**Primary, Upper Elementary, Middle School**

**Discovery News—History:** Published by Discovery Channel’s owner, Discovery Communications, the History section of *Discovery News* offers articles on a range of historical topics, including archeology, US history, and religion. Each article features a More Like This section at the top of the page, enabling educators to find more articles on the same themes. Educators can also explore the related tags at the bottom of the article to find more on a particular topic.

Link: <http://news.discovery.com/history>

Word count: Usually 700–1,000 words per article

**Middle, High School**

## **Science and Social Studies**

**National Geographic Kids:** This website, run by the National Geographic Society, contains an online database of articles that allows educators to limit their search by category, including geography, history, mythology, nature, science, and space, and by content type, such as articles and videos. At the end of each article, Dive Deeper section links to articles on a similar topic, helping educators select more than one relevant article.

Link: <http://kids.nationalgeographic.com/explore.html#>

Word count: Usually 400–500 words per article

**Primary, Upper Elementary, Middle School**

**TIME for Kids:** Maintained by TIME Inc., *TIME for Kids* contains an archive of full-text articles sorted by topic, including world, science, health, and sports. In the Polls section, educators can read the findings from online survey questions, such as “Should national parks allow the use of cell phones?” which could provide source material for argument writing. The website also has a search box for educators looking for a specific topic.

Link: <http://www.timeforkids.com/news>

Word count: Usually 500–600 words per article

**Primary, Upper Elementary School**

**DOGOnews:** This website, hosted by DOGO Media, publishes articles on social studies and science for students aged 9 to 13. It tags each article with a suggested grade level or span and provides suggested lesson plans based on Common Core Standards. The homepage features both a search box for keyword searches and a Most Popular Articles section of articles deemed popular based on the number of comments written about the article.

Link: <http://www.dogonews.com/>

Word count: Usually 400–600 words per article

**Primary, Upper Elementary, Middle School**

**Newsweek:** The companion site of *Newsweek* magazine contains articles about current events occurring both nationally and internationally. Articles are categorized by topic, such as US, world, business, and culture. The site also contains science material in the Tech and Science section. Educators can utilize the search box at the top of the page and an archive of past issues in the page footer to further research articles. Articles are tagged with keywords to ease a search for more articles on the topic.

Link: <http://www.newsweek.com/us>

Word count: Usually 500–1,000 words per article

**High School**

## Math

**Plus:** Online magazine *Plus* publishes articles about the practical applications of mathematics across a span of topics, such as art, sports, and cosmology. The search feature is limited, and the articles are mainly organized in chronological order. However, tying applied mathematics to topics such as the movie *Jurassic Park* and space travel should help hold students' interest.

Link: <http://plus.maths.org/content/Article>

Word count: Usually 600–1,000 words per article

**High School**

**The New York Times—Mathematics:** This section of *The New York Times* currently features over 1,000 articles about mathematics and the instruction of it in school systems. *NYT*'s tagging system includes such subjects as education, Nobel Prizes, and National Council of Teachers of Mathematics. A search box in the page header allows for keyword searching as well.

Link: <http://topics.nytimes.com/top/news/science/topics/mathematics/index.html>

Word count: Usually 500–1,000 words per article

**High School**

**Biographies of Women Mathematicians:** Hosted and maintained by the Agnes Scott College, this website is a collection of biographies of women mathematicians spanning time and the globe. Although the resource format is limited to biographies, educators may find it to be a good resource for introducing role models to their classes. The website's material is sorted by an alphabetical index of the women's names, a chronological index, and a geographical index of the women's birth locations.

Link: <http://www.agnesscott.edu/lriddle/women/women.htm>

Word count: Usually 600–800 words per article

**Middle, High School**

## Math and Science

**NOVA scienceNOW:** A companion site to the PBS television series *NOVA*, this website contains a variety of videos and articles on several topics, such as space and flight, body and brain, physics and math, and

tech and engineering. After selecting a topic, an educator can narrow results to just articles. The search results provide a one-sentence summary of the article, which will help educators select relevant articles quicker.

Link: <http://www.pbs.org/wgbh/nova/sciencenow/>

Word count: Usually 1,500–2,500 words per article

**Middle, High School**

**Scholastic News:** This website, a companion to *Scholastic News* magazines, contains an archive of news articles on a variety of topics, including uses of mathematics and scientific discoveries. For example, “A Deeper Mystery at Stonehenge” describes the ancient site in England, while “Movie Matchmaker” explores how Netflix uses algorithms. However, the lack of a search box means educators must use an article’s one-sentence description to find the content they need or use a separate search engine, such as Google.

Link: <http://magazines.scholastic.com/>

Word count: Usually 500–600 words per article

**Primary, Upper Elementary School**

**National Geographic STEM Education:** This resource was developed based on the idea that the best practices in STEM education include a combination of hands-on learning with content learning through communication and collaboration. The website includes a collection of hands-on multimedia activities, worksheets, lessons, interactives, and interactive whiteboard content for a wide array of STEM topics. Articles are broken down by content and grade level and include highlighted vocabulary words with a link to the definitions.

Link: [http://education.nationalgeographic.com/education/stem-education/?ar\\_a=1](http://education.nationalgeographic.com/education/stem-education/?ar_a=1)

Word count: Varies, typically 500-1000 words per article

**Pre-K through Post Secondary**

## General

**Newsela** - The following description of Newsela was taken from an EdNET News Alert, March 24, 2015: "Newsela unlocks the written word by publishing daily news articles at five reading levels to engage students in grades 2-12 in high-interest topics from immigration and diplomacy to drones and animal extinction. Launched in 2013, students have read more than 37 million Newsela articles, making Newsela the number 1 online news source for students. When students read articles and take Common Core-aligned quizzes online, they are developing the critical nonfiction literacy skills that empower them to take part in conversations about complex issues, and prepare them for academic and professional success."

Link: <https://newsela.com/about/>

Word Count: Usually 500-1000 words per article

**Elementary, Middle, High School**

**ReadWorks:** This website provides research-based units, lessons, and authentic, leveled non-fiction and literary passages to educators online. ReadWorks curriculum is aligned to the Common Core State Standards and the standards of all 50 states. The information is free and can be shared broadly. The educator can create an account by entering an email and password.

Link: <https://www.readworks.org/>

Word Count: Usually 400-900 words per article

**Elementary, Middle, High School**

**ProCon.org:** ProCon.org is a non-profit public charity founded in 2004. The charity's purpose is to provide resources for critical thinking without bias. Controversial issues are highlighted in a balanced, transparent pro-con format that allows the reader to better understand important social issues and to make more informed decisions about them. Date and source information for all research is cited in multiple style protocols and the available resources are for readers ranging from elementary to university levels.

Link: <http://www.procon.org>

Word Count: Varies

**Elementary, Middle, High, University**

**TextProject, Inc.:** This organization strives to bring beginning and struggling readers to high levels of literacy through a variety of strategies and tools, particularly the texts used for reading instruction. Specifically, *FYI for Kids* contains a great collection of magazine articles designed to enhance the Common Core classroom's reading repertoire. The aim with this project is to demonstrate a type of text that is essential for increasing students' engagement and proficiency with complex texts—short engaging articles that are free to the viewer and communicate critical information.

Link: <http://textproject.org/>

Word Count: 300-350 words per article

**Elementary**