

Maps and Geography Resource List for Grades 5 through 8

The Resources in this document can be used with the Maps and Geography Curriculum Packet for grades 5-8.

Books

Nonfiction and Biography

- Charting the World: Geography and Maps from Cave Paintings to GPS with 21 Activities, 2011 by Richard Panchyk (Author)
Illustrated with full-color maps and diagrams, this book gives learners an in-depth appreciation of geographical concepts and principles. It also features 21 hands-on activities for readers to put their new skills to the test.
- Great City Maps (DK Smithsonian), 2016 by DK (Author). Great City Maps explores and explains 30 of the world's greatest historical city maps, providing an overview of cartography through the ages.
- Great Maps (Dk Smithsonian), 2014 by Jerry Brotton (Author).
Great Maps provides a fascinating overview of cartography through the ages, and profiles key cartographers and explorers to look why each map was commissioned, who it was for and how they influenced navigation, propaganda, power, art, and politics.
- Maps, 2013 by Aleksandra Mizielinska (Author), Daniel Mizielinski (Author).
This is a visual feast for readers of all ages, with lavishly drawn illustrations. It features not only borders, cities, rivers, and peaks, but also places of historical and cultural interest, eminent personalities, iconic animals and plants, cultural events, and many more fascinating facts associated with every region of our planet.
- Measuring the Earth: Eratosthenes and His Celestial Geometry, 2009 by Mary Gow (Author).
A biography of ancient Greek mathematician Eratosthenes, who used geometry to calculate the circumference of the earth.
- National Geographic Kids Ultimate Globetrotting World Atlas: Maps, Games, Activities, and More for Hours of Adventure-filled Fun! 2014 by National Geographic Kids (Author).
This atlas is full of fun facts, fascinating information, easy-to-read maps, lots of games, and vibrant pictures of everything from wacky hotels around the world to natural and manmade wonders.

- National Geographic Student World Atlas, 2014 by National Geographic (Author)
Dynamic, user-friendly content includes photos, facts, charts, graphics, and full-color political, physical, and thematic maps on important topics.
- The Road to There: Mapmakers and Their Stories, 2009 by Val Ross (Author).
Road maps; sailor’s charts; quilts; song lines; gilded parchment covered with jewel-like colors; computer printouts – this book introduces readers to the men and women who made them.
- What Do You Know About Maps? (Series)
 - Using Climate Maps, 2016 by Rebecca E Hirsch (Author).
Ever wonder which states are the cloudiest? Or what city gets the most snow? Climate maps can tell you.
 - Using Economic and Resource Maps, 2016 by Tracy Nelson Maurer (Author).
Ever wonder what crops grow in North Carolina? Or which state park is nearest to your home? Economic and resource maps show what natural resources are in a place and how people in that place earn money.
 - Using Road Maps and GPS, 2016 by Tracy Nelson Maurer (Author).
Ever wonder what route would get you from coast to coast the fastest? Or where to find camping spots on a road trip? Road maps and GPS give details about routes and sites.
 - Using Topographic Maps, 2016 by Tracy Nelson Maurer (Author).
Want to know just how tall Mount Everest is? Or what the city of Denver's elevation is? Then look at a topographic map! These maps use lines to show the height and shape of Earth's surface.
- Where on Earth? Atlas 2017 by DK (Author).
Unlike any other you have ever seen before this atlas brings our amazing world to life in 3-D. With its more than 60 specially commissioned 3-D maps and artworks, it takes kids on a continent-by-continent tour of the world and even includes an introductory visual explanation of Earth's evolution.

Fiction

- The Cartographer's Daughter, 2016 by Kiran Millwood Hargrave (Author).
When a series of mysterious events shakes the island community, it’s Isabella—daughter to the island’s only mapmaker—who will lead a party of explorers into the forest in search of answers.
- Enter a Glossy Web, 2016 by McKenna Ruebush (Author), Jaime Zollars (Illustrator).
Twelve-year-old George has no idea what to expect when she’s sent to stay with eccentric relatives following the disappearance of her brother. Soon after her arrival, she learns that Uncle Constantine has been kidnapped. George sets off to recover him and is joined by two orphaned boys along the way and Cavendish, a talking map.
- Save \$4.27
- The Mapmakers Trilogy

- The Glass Sentence, 2015 by S. E. Grove (Author).
Boston, 1891. Sophia Tims comes from a family of explorers and cartographers who, for generations, have been traveling and mapping the New World—a world changed by the Great Disruption of 1799, when all the continents were flung into different time periods. Eight years ago, Sophia's parents left her with her uncle Shadrack, the foremost cataloger in Boston, and went on an urgent mission. They never returned.
- The Golden Specific, 2016 by S. E. Grove (Author).
It is the summer of 1892, one year since Sophia Tims and her friend Theo embarked upon the dangerous adventure that rewrote the map of the world. Since their return home to Boston, she has continued searching for clues to her parents' disappearance, combing archives and libraries, grasping at even the slenderest leads.
- The Crimson Skew, 2017 by S. E. Grove (Author).
It is late August 1892, and Sophia Tims is coming home from a foreign Age, having risked her life in search of her missing parents. Now she is aboard ship, with a hard-earned, cryptic map that may help her find them at long last.

Magazines, Journals, Miscellaneous

- Faces Magazine by Cricket Publishing <https://shop.cricketmedia.com/>
- Google Earth: This downloadable free program from Google is a must have. <https://www.google.com/earth/>
- Nat Geo Kids: Excellent magazine from the renowned teams at National Geographic. Suitable for ages 6+. <https://www.nationalgeographic.com/subscribe/kids-magazines-bundle/?key=NAVKDS6>

Online Links

These sites are all maintained by institutions with an involvement in Cartography and Geography. They have a rich array of resources, including background information, simulated experiences, and much more.

- CIA World Factbook: <https://www.cia.gov/library/publications/the-world-factbook/>
- The National Archives: <https://www.archives.gov/research/alic/reference/geography.html>
- National Geographic Kids: <http://kids.nationalgeographic.com/Places/Find>
- National Geographic Interactive Games: Play to learn! Geographic games include Top Crop, Global Closet Calculator, Planet Food, and Human Footprint. <https://www.nationalgeographic.org/education/games-and-interactives/>
- World Atlas.com: <http://www.worldatlas.com/>

Background information for the Educator

- National Geographic Society Education Resources.
<https://www.nationalgeographic.org/education/teaching-resources/>
- National Geographic Educational Mapping Resources
<https://www.nationalgeographic.org/education/mapping/>
- The USGS offers free topographic maps along with ideas for using them with students.
<https://education.usgs.gov/lessons/teachingtopomaps.html>