

Civil Air Patrol



Aerospace Connections in Education (ACE) Program

Website and Literature Resources Index

Character Education

Character education--team work---respect for self and others-----goal setting----etc.

Website Resources

Website	Brief Summary	Age Group	Self-Paced	Student knowledge assessed?
	The activities are divided into primary, intermediate, and upper-grade levels, each with appropriate developmental strategies. The purpose of each activity is to address the holistic approach to teaching. The focus concentrates on blending the affective, and cognitive domains in an integrative and cohesive manner.	k-12	no	yes
http://myhero.com	The study of heroes applies across the curriculum in all grade levels. It can be an integral part of character education, media arts and computer literacy and a tool for reading comprehension and the development of writing skills. MY HERO can be used to enrich thematic studies in the arts and sciences.	k-12	yes	no
http://www.achievement.org/	The Academy of Achievement brings students face-to-face with the extraordinary leaders, thinkers and pioneers who have shaped our world.	4-12	no	no
http://www.academicentertainment.com/	Academic Entertainment Inc, offers a wide range of School Assembly Programs and Educational performers nationwide. We cater primarily to K-12 schools, but also offer programs for colleges and higher education institutions. We offer the highest quality, most entertaining, and above-all, educational programs for your school assembly.	k-12	no	no
http://www.uen.org	This site discusses setting goals, planning, taking notes, changing behavior and more. Use the site's search box to browse by topic.	k-12	yes	no

http://pbskids.org/arthur/parentteachers/activities/diversity.html?cat=diversity	<p>Here are some class activities from the PBS Arthur: Teacher's Corner</p>	k-12	yes	Yes
http://www.projectwisdom.com/	<p>Project Wisdom is one of the oldest and most respected character education programs in the nation. Its collection of daily words of wisdom is currently licensed to over 14,000 schools nationwide. The messages set a positive tone for the day for everyone on campus. This program imparts an understanding of core ethical values and fosters caring behavior.</p>	k-12	yes	Yes
http://www.ala.org/offices/resources/ethics	<p>The American Library Association offers a list of suggested books to read with children while teaching and discussing ethical behavior.</p>	k-12	no	No
http://www.goodcharacter.com/TeacherResources.html	<p>This website is just packed with great stuff for propagating basic human kindness. Their own description is way too modest, but here it is: "Want to encourage kindness on campus? Access our free <i>Teacher's Guide</i>, lesson plans, activity ideas, teachers' experiences, and other materials to help you successfully incorporate kindness into your school." A real gem.</p>	k-12	no	Yes

http://aaeteachers.org/index.php/character-education-programs	This website recommends several character education programs for various age levels.	k-12	yes	No
http://www.charactercounts.org/defsix.htm	These six core ethical values form the foundation of the CHARACTER COUNTS! youth-ethics initiative	k-6	yes	No
http://www.goodcharacter.com/ESTopics.html	Discussion Questions, Writing Assignments, Student Activities, and Parent Involvement tips for Character Education and Life Skills. Just pick and click.	k-12	yes	yes
http://www.corevirtues.net	"Core Virtues" is a practical, nonsectarian approach to character education on a K-6 grade level that involves approximately twenty minutes per day of reading and discussion. Its goals are the cultivation of character through such virtues as respect, courage, diligence, patience, responsibility, compassion, perseverance, faithfulness, and more. Core Virtues is distributed by: The Link Institute	k-12	yes	yes
http://www.star-sportsmanship.com/kc2005/star.php	STAR Sportsmanship is the first web-based role-play simulation program focused on teaching sportsmanship to K-12 students, their coaches, and parents. The program teaches behavioral skills for school, sports, and life and enhances students' decision-making skills.	3-12	yes	yes

Leadership Skills

Leadership skills--good citizenship----patriotism----youth service--- community service

Website Resources

Website	Brief Summary	Age Group	Self-Paced	Ways to assess student knowledge
http://usmemorialday.org/?page_id=2	Gives information on how this holiday first came to be.	k-4	no	No
http://www.partnershipinpatriotism.com/	Through its focus on patriotism , children are provided with age appropriate activities ...	k-4	no	No
http://www.goodcharacter.com/pp/citizenship.html	This page is from the teaching guide for the video "Citizenship" in the video series The Six Pillars of Character™ featuring the Popcorn Park Puppets™. Even if you aren't showing this video there is a lot of material here you can use to create a lesson plan. Feel free to modify it to suit your needs.	k-4	no	No
http://kidsarepatriots2.ninng.com/forum/topics/patriotic-symbols	A list of links to websites for fun and research about our nation's symbols.	k-5	yes	no

Aerospace Education

Aerospace Education --weather, flight, airplanes, helicopters, adopt-a-pilot, hot air balloons, space exploration, fun sites for all ages of kids and all areas of aerospace

Website Resources

-Website	Brief Summary	Grade level	Self-Paced	Ways to assess student knowledge	Etc.....
http://wright.nasa.gov/index.htm	Learn about the development of the first manned, powered flight from its conception through research and experimentation, to success and beyond. This website features facts, lesson plans, simulations, activities, and contains information on how to participate in the Centennial of Flight Celebration	6-12	no	yes	Website, Lesson Plans/Materials, Activity, Web casts/Video, CD-ROM, Simulation
http://www.nasa.gov/offices/education/programs/national/ltp/home/index.html	This project helps integrate NASA research and technology into the K-12 curriculum through web-based resources, computer simulations, and videoconferences. Many ready-made lesson plans, activities, and experiments that deal with the science of aerodynamics are available.	k-12	no	no	Interactive game
http://www.grc.nasa.gov/WWW/K-12/airplane/kitprog.html	This program helps students design and study the flight of a kite. Kites with different lengths, widths, and materials can be designed and tested with variable wind speeds and control lines. The aerodynamic forces on the kite, and the stability of the design are computed by this software.	6-12	yes	no	Interactive

http://www.grc.nasa.gov/WWW/K-12/airplane/bg_p.html	<p>This interactive website serves as a guide to how jet engines work. Activities, data, and engine simulations are available for teachers and students.</p>	k-12	yes	no	
http://www.grc.nasa.gov/WWW/K-12/airplane/bga.html	<p>Learn about how airplanes fly, including the forces that lift them off the ground, keep them in the air, and help them land.</p>	k-12	yes	no	
http://www.avscholars.com/AvScholars/Channels/Outreach_Sectors/ed_main.htm	<p>The channel for educators contains information to help educators explore ways aviation/aerospace programs can be incorporated into their curriculum. Educators are directed to various organizations that offer aviation educational programs and activities for students of all grades (K-12). Students and educators can have fun while they learn, and aviation can provide the motivation to open young minds.</p>	k-12	no	no	
http://www.challenger.org/	<p>Challenger Center and its global network of Challenger Learning Centers use space-themed simulated learning and role-playing strategies to help students bring their classroom studies to life and cultivate skills needed for future success, such as problem-solving, critical thinking, communication and teamwork.</p>	k-12	yes	no	Website, lesson plans

http://www.faa.gov/education	<p>The Federal Aviation Administration (FAA) maintains a wealth of information at the FAA Aviation Ed Program for students and teachers. The FAA's Aviation Education Programs offer a wide range of information on their web site, including curriculum guides, career information, resource materials, teacher workshops, aviation career education summer camps for teens, special field trips, government/ industry/ education partnerships, and activities for the classroom, games, and fun experiments that enhance learning and increase students awareness of aviation careers. Students and teachers can have fun while they learn, and aviation can provide the motivation to open young students' minds about aviation career opportunities.</p>	k-12	no	no	
http://spaceplains.nasa.gov/en/kids/	<p>This website is filled with games, animations, projects, and fun facts about Earth, space and technology.</p>	k-12	yes	no	
http://starchild.gsfc.nasa.gov/docs/StarChild/StarChild.html	<p>A Learning Center for Young Astronomers</p>	k-3	yes	no	
http://www.Scholastic.com/teachers/collecton/hold-paper-airplane-contest#top	<p>Calling all paper airplane experts! Start a Paper Airplane Contest in your school and prove just how far and how long your airplanes can fly. It's a fun way to learn about aerodynamics!</p>	k-12	yes	no	

http://www.nasa.gov/offices/education/about/index.html	<p>National Aeronautics and Space Administration (NASA) provides a wealth of educational information & resource materials for students, parents, and educators. A wide range of information is available through various NASA web sites. Visit NASA's numerous web sites below for more information:</p> <p>NASA Connect For Kids Only Earth Science Enterprise NASA Space Place Space Link NASA Education Amazing Space Destination Earth NASA Why Files Star Child NASA Kids NASA Glenn Educational Activities Imagine the Universe! SciJinks Classroom of the Future QUEST: The Internet in the Classroom NASA Glenn Research Center: Beginner's Guide to Aeronautics</p>	k-12	yes	yes	
http://airandspace.si.edu/exhibitions/wright-brothers/online/classroomActivities/k-3_flash.html	<p>By assembling online puzzles, students learn to identify the parts of a modern DC-3 airplane and the parts of the 1903 Wright Flyer. Students are introduced to how the parts function to make the airplane fly.</p>	k-3	no	no	
http://www.ait.net/products/inventing_flight/	<p>This website contains excellent resources for information related to flight, additional student activities, sources for curriculum materials, help and mentoring from interested flight organizations, and other Teacher resources.</p>	k-12	no	no	<p>This curriculum incorporates a multidisciplinary approach to teaching. Interactive activities are provided as extensions to the content and scope of the curriculum.</p>

http://www.modelaircraft.org/education/amaflight-school.aspx	<p>The Academy assists classroom teachers who wish to integrate aerospace education concepts into math, science, social studies, language arts and technology education programs to meet goals and objectives of the national standards for these disciplines.</p> <p>The Academy's work with informal after-school programs, community groups and summer camps enables it to be a valuable resource to help train newcomers to the sport, hobby and educational opportunities of model aviation. Curriculum support and materials for middle school physical science and math programs may be found by contacting us for a copy of AeroLab, a DVD/CD featuring activities developed by science teachers for teachers thanks to the generous support of the Alcoa Foundation. AeroLab lessons feature simple foam and balsa aircraft as tools to teach the concepts of force and motion, potential/kinetic energy and centripetal force. The activities allow students to practice important math skills to determine average speed and distance flown. All labs are aligned with middle school physical science and math standards and are "S.T.E.M. Compliant." The labs provide opportunities for students to make predictions, collect data, graph results and draw conclusions, as well as participate in lessons designed for directed and guided inquiry.</p>	k-12	yes	yes	
http://www.spacegrant.hawaii.edu/class_acts/index.html	<p>More than 25 hands-on science activities are provided in classroom-ready pages for both teachers and students for exploring Earth, the planets, geology, and space sciences.</p>	k-12	yes	yes	lessons and printable activities.

http://learn.fi.edu/wright/again/wings.avkids.com/wings.avkids.com/	<p>The K-8 Aeronautics Internet Textbook</p> <p>Part of a study sponsored by NASA, this Web site contains aeronautics explanations, lesson plans, and activities tailored to students in grades K-8</p>	k-8	yes	yes	
http://www.kathimitchell.com/balloons.htm	<p>Links, history, models</p>	k-12	no	no	
http://www.laplaza.org/about_lap/kellogg/talos/michelle/teacher.html	<p>This lesson provides the students with an understanding of how hot air balloons are designed, tested, and the parts of a balloon. Hands on activities have been incorporated to extend and reinforce the concepts. The students will make two models of hot air balloons. There are also color pages, frequently asked questions on ballooning, a virtual balloon ride, a worksheet on the parts of a hot air balloon, and an exam.</p>	k-12	no	yes	
http://www.kidstronomy.com/	<p>This astronomy website is packed with games, activities, fun facts, and resources to help teachers, parents, and students of all ages reach out and touch our universe.</p>	k-8	yes	yes	Interactive
http://science.nationalgeographic.com/science/space/solar-system	<p>Discover the wonders of our solar system in a spectacular 3-D environment. Take a flyby tour of the sun and each planet in its orbit, observe planets and extraterrestrial weather patterns up close, and more.</p>	k-12	no	yes	Interactive

https://ethemes.missouri.edu/themes/1397?locale=en	<p>These sites are about space exploration and the various technologies that have made this possible. Learn about satellites and spacecrafts. There are many interactive features, such as virtual tours of the planets, webcasts, and other exhibits. See photographs and videos of various launches and space explorations. There is a link to an eThemes Resource on the International Space Station.</p>	k-12	yes	yes	
http://www.enchantedlearning.com/subjects/astronomy/	<p>Zoom Astronomy is a comprehensive on-line site about space and astronomy. It is designed for people of all ages and levels of comprehension. It has an easy-to-use structure that allows readers to start at a basic level on each topic and then to progress to much more advanced information as desired, simply by clicking on links.</p>	k-12	yes	yes	

Physical Fitness

Physical Fitness: good health; exercise; dance; aerobics; healthy food; fun outdoor games; fun indoor games

Website Resources

Website	Brief Summary	Age Group	Self-Paced	Assess student knowledge?
http://kidshealth.org/parent/hearthealth/wellness/hate_sports.html	Team sports can help a child gain self-esteem , coordination, and general fitness, and help them learn how to work with other kids and adults. But some kids aren't natural athletes and they may tell you - directly or indirectly - that they just don't like sports. What then?	k-12	no	no
http://www.pecentral.org/	Welcome to the premier website for health and physical education teachers, parents, and students. Our goal is to provide the latest information about developmentally appropriate physical education programs for children and youth. To combat the high obesity rate, we offer programs like Log It where students can log their physical activity and pedometer steps.	k-12	yes	yes
http://www.fns.usda.gov/multimedia/Games/Blastoff/BlastOff_Game.html	An interactive computer game where kids can reach Planet Power by fueling their rocket with food and physical activity. "Fuel" tanks for each food group help students keep track of how their choices fit into MyPlate.	k-12	yes	yes

http://www.tandalay.com/?gclid=CKGRtqywhY0CFQT4gAodYgZCgg	<p>Tandalay PE & Recreation Lesson Plans are consistent with NASPE Standards and benchmarks for Physical Education. Your Site License includes a complete online assessment and grading program. Our one-of-a-kind assessment program enables users to assess ALL aspects of NASPE standards and benchmarks with ease. Percentages and grades are automatically calculated based on developmental level, skill, cognitive, behavioral, and social assessments - all with no extra prep! Easy, effective, and enjoyable!</p> <p>Tandalay offers staff development workshops anytime - anywhere! Put FUN into fitness, and PLAY into PE with Tandalay! Call today to reserve your dates.</p> <p>Our goal at Tandalay is to provide every student with a successful movement experience, in a physically and emotionally safe environment.</p>	k-12	yes	no
http://www.mrgym.com/	<p>Our goal is to provide one of the most comprehensive Elementary Physical Education and Secondary Physical Education resources available on the internet. On this site you will find a wide variety of physical education games, including cooperative games and activities, sports games, lead up activities, and much more. Furthermore, you will find ideas on physical education assessment, field day ideas, cheap or free physical education equipment and more.</p>	k-12	no	yes

http://www.fda.gov/Food/Resources/ForYou/Consumers/ucm2006971.htm	Tons of interactive health games	k-12	yes	no
http://www.learntobehealthy.org/?wt.srch=1&qclid=CJCv9P23hYOCFQOggAodiwgtiw	LearntobeHealthy.org is an online health science learning site designed to help educators communicate important health concepts to children K-6. The site contains comprehensive lesson plans, interactive games and activities, webquests and more. The goal of the site is to inspire children - and their families - to make healthy choices that will last a lifetime.	k-12	yes	yes
https://kids.usa.gov/ (Click on "Exercise and Eating Healthy" or "Health and Safety")	Want to learn all about vaccines? What should you do after you touch raw meat? What are antihistamines used for? Find out answers to these questions and more.	k-12	no	no
http://www.girlshealth.gov/	There is a lot of cool information you can use. Maybe you want to start working out or you're stressed out about school. There are lots of different topics from which to choose.	k-12	yes	yes
http://extension.illinois.edu/conflict/index.cfm	This website is designed to help teach youth how to better manage daily conflicts and challenges.	k-4	yes	No
http://www.brainpop.com/health/seeall/	Your body and how it works. Interactive games.	k-12	yes	No

Character Education

Character education--team work---respect for self and others-----goal setting----etc.

Literature Resources

Title/Author	Brief Summary	AR Level	Age Range	Interest Level	Library Classification & Grade Levels
Abiyoyo Returns/ Pete Seeger	An African tale which tells what happens when a giant who has been banished is called back to save a town from flooding. (Teamwork)	2.7	6-9	LG	Non-Fiction Grades 1-4
Amber Was Brave, Essie Was Smart/ Vera B. Williams	A series of poems tells how two sisters help each other deal with life while their mother is working and their father has been sent to jail. (Respect & Teamwork)	4.2	7-11	MG	Non-Fiction Grades 2-6
Anna Banana & Me/ Lenore Blegvad	Anna Banana's fearlessness inspires a playmate to face his own fears. (Goal setting)	2.3	4-8	LG	Easy Fiction Grades K-3
Arthur's Computer Disaster/ Marc Brown	Arthur disobeys his mother by playing his favorite game on her computer, which leads to a lesson in taking responsibility for one's actions.	2.4	4-8	LG	Easy Fiction Grades K-3
Best Best Friends/ Margaret Chodos- Irvine	Mary and Clare do everything together at preschool but Mary's birthday celebration puts a strain on the girls' friendship. (Teamwork & Respect)	2.0	3-7	LG	Easy Fiction Grades K-2
Cork & Fuzz: short and tall/ Dori Chaconas	The friendship between Cork, a muskrat, and Fuzz, a possum, is in trouble when Cork decides that since he is older, he has to be taller. (Respect)	2.0	6-9	LG	Easy Fiction Grades 1-4
Evie & Margie/ Bernard Waber	Best friends, Evie and Margie, are surprised to experience jealousy when they try out for the same part in the school play. (Teamwork & Respect)	3.2	4-8	LG	Easy Fiction Grades K-3
Faithful Friend/ Robert San Souci	A retelling of the traditional tale from the French West Indies in which two friends, Clement and Hippolyte, encounter love, zombies, and danger on the island of Martinique. (Morals)	5.2	5-10	MG	Non-Fiction Grades K-5

Gossie & Gertie/ Olivier Dunrea	Gossie and Gertie are best friends, and everywhere Gossie goes, Gertie goes too—except when she doesn't, and sometimes that's even better. (Morals)	1.0	2-5	LG	Easy Fiction Grades K
Head, Body, Legs: a story from Liberia/ Won-Ldy Paye	In this tale from the Dan people of Liberia, Head, Arms, Body, and Legs learn that they do better when they work together. (Teamwork)	2.3	3-7	LG	Non-Fiction Grades K-2
Hooway for Wodney Wat/ Helen Lester	All his classmates make fun of Rodney because he can't pronounce his name, but it is Rodney's speech impediment that drives away the class bully.(Respect & Morals)	3.1	4-8	LG	Easy Fiction Grades K-3
John Henry/ Julius Lester	Retells the life of the legendary African-American hero who raced against a steam drill to cut through a mountain. (Goal setting)	4.0	4-8	LG	Non-Fiction Grades K-3
Legend of the Bluebonnet: an Old Tale of Texas/ Tomie De Paola	A retelling of the Comanche Indian legend of how a little girl's sacrifice brought the flower called bluebonnet to Texas. (Morals)	4.2	5-9	LG	Non-Fiction Grades K-4
Mightier Than the Sword: World Folktales for Strong Boys/ Jane Yolen	A collection of folktales from around the world that demonstrate the triumph of brains over brawn. (Morals)	5.0	8-12	MG	Non-Fiction Grades 3-7
My Best Friend/ Mary Ann Rodman	Six-year-old Lily has a best friend all picked out for play group day, but unfortunately the differences between first-graders and second-graders are sometimes very large. (Respect)	2.2	4-8	LG	Easy Fiction Grades K-3
Rosie & Michael/ Judith Viorst	Two friends tell what they like about each other—even the bad things. (Respect)	3.3	6-9	LG	Easy Fiction Grades 1-4
Saint Francis and the Wolf/ Richard Egielski	In Gubbio, Italy, Saint Francis shows the villagers that neither wealth nor strength are as powerful as love and compassion. (Morals & Respect)	4.3	8-12	LG	Non-Fiction Grades 3-7

Shrinking Violet/ Cari Best	Violet, who is very shy, finally comes out of her shell when she is cast as Lady Space in a play about the solar system and saves the production from disaster.	4.2 Morals	4-8	LG	Easy Fiction Grades K-3
Sophie's Window/ Holly Keller	When Caruso, a little bird who is afraid to fly, is blown out of his home one windy night, he must rely on a new friend, a dog named Sophie, to take him back to his parents. (Teamwork)	2.4	4-8	LG	Easy Fiction Grades K-3
Alex Ryan, Stop That! / Claudia Mills	Seventh-grader Alex Ryan enjoys attracting attention, but when his antics cause problems with his would-be-girlfriend on a school outing, he has second thoughts about his actions.(Respect)	4.9	8-12	MG	Fiction Grades 3-7
All of the Above: a novel/ Shelley Pearsall	Relates how a school project to build the world's largest tetrahedron affects the lives of everyone involved. (Teamwork)	5.3	8-12	MG	Fiction Grades 3-7
Happy Kid! / Gail Gauthier	After his mother bribes him into reading a self-help book on how to form satisfying relationships and enjoy a happy life, Kyle finds there may be more to the book than he realized. (Morals & Respect)	4.9	10-14	MG	Fiction Grades 5-9
Sixth-Grade Glommers, Norks, and Me/ Lisa Papademetriou	Allie Kimball finds that middle school is full of strange new beasts, like glommers—girls who never go anywhere alone—and norks—a combination of a nerd and a dork. (Respect)	4.2	10-12	MG	Fiction Grades 5-7

Leadership Skills

Leadership skills--good citizenship----patriotism----youth service--- community service

Literature Resources

Title/ Author	Brief Summary	AR Level	Age Range	Inter-est Level	Library Classification & Grade Levels
Goodbye, Curtis/ Kevin Henkes	Everyone in the neighborhood says a fond farewell to Curtis, their beloved longtime letter carrier, on his last day of work. (comm. service)	2.4	3-6	LG	Easy Fiction Grades K-1
Mrs. Katz and Tush/ Patricia Polacco	A long-lasting friendship develops between Larnel, and young African-American, and Mrs. Katz, a lonely, Jewish widow, when Larnel presents Mrs. Katz with a scrawny kitten without a tail. (citizenship)	3.1	4-8	LG	Easy Fiction Grades K-3
Miss Rumphius/ Barbara Cooney	Great-aunt Alice Rumphius was once a little girl who loved the sea, longed to visit faraway places, and wished to do something to make the world more beautiful. (community service)	3.8	3-8	LG	Easy Fiction Grades K-3
Somebody Loves You, Mr. Hatch/ Eileen Spinelle	An anonymous valentine changes the life of the unsociable Mr. Hatch, turning him into a laughing friend who helps and appreciates all his neighbors. (citizenship)	3.9	4-7	LG	Easy Fiction Grades K-2
Chrysanthemum/ Kevin Henkes	Chrysanthemum loves her name, until she starts going to school and the other children make fun of it. (citizenship)	3.3	4-8	LG	Easy Fiction Grades K-3
Down the Road/ Alice Schertle	Hetty is very careful with the eggs she has bought on her very first trip to the store, but she runs into trouble. (youth service)	3.4	4-8	LG	Easy Fiction Grades K-3
Emma's Magic Winter/ Jean Little	With the help of her new friend who has magic boots just like her own, Emma overcomes her shyness and no longer hates reading out loud in school. (citizenship)	2.5	7-9	LG	Easy Fiction Grades 2-4
Flower Garden/ Eve Bunting	Helped by her father, a young girl prepares a flower garden as a birthday surprise for her mother. (youth service)	2.2	4-8	LG	Easy Fiction Grades K-3
Gardener/ Sarah Stewart	Explains what happens when, after her father loses his job, Lydia Grace goes to live with her Uncle Jim in the city, but takes her love for gardening with her. (comm. service)	3.9	5-9	LG	Easy Fiction Grades K-4

Hot Day on Abbott Avenue/ Karen English	After having a fight, two friends spend the day ignoring each other, until the lure of a game of jump rope helps them to forget about being mad. (citizenship)	2.9	5-8	LG	Easy Fiction Grades K-3
The Josefina Story Quilt/ Eleanor Coerr	While traveling west with her family in 1850, a young girl makes a patchwork quilt chronicling the experiences of the journey. (youth service)	2.7	7-9	LG	Easy Fiction Grades 2-4
Mr. Putter and Tabby Bake the Cake/ Cynthia Rylant	With his fine cat Tabby at his side, Mr. Putter bakes a Christmas cake for his neighbor Mrs. Teaberry. (good citizenship)	2.8	6-9	LG	Easy Fiction Grades 1-4
My Best Friend/ Mary Ann Rodman	Six-year-old Lily has a best friend all picked out for play group day, but unfortunately the differences between first-graders and second-graders are sometimes very large. (good citizenship; character ed.—respect)	2.2	4-8	LG	Easy Fiction Grades K-3
Once Upon a Time/ Niki Daly	Sarie struggles when she reads aloud in her class, but then she and her best friend find a book about Cinderella and begin to read together. (youth service)	3.4	4-8	LG	Easy Fiction Grades K-3
Planting a Rainbow/ Lois Ehlert	A mother and child plant a rainbow of flowers in the family garden. (community service)	2.6	3-8	LG	Easy Fiction Grades K-3
Scarebird/ Sid Fleischman	A lonely old farmer realizes the value of human friendship when a young man comes to help him and his scarecrow with their farm. (youth service)	3.9	5-8	LG	Easy Fiction Grades K-3
America the Beautiful/ Katherine Lee Bates	Four verses of the nineteenth-century poem, illustrated by the author's great-great-grandnephew. (patriotism)	2.9	8-12	LG	Non-Fiction Grades 3-7
American Flag/ Patricia Quiri	Describes the history and symbolism of the American flag. (patriotism)	4.8	7-9	LG	Non-Fiction Grades 2-4
American Flag/ Debbie Yanuck	An introduction to the American flag, including its design, modifications through the years, uses on holidays, and importance as a symbol of the United States. (patriotism)	3.6	5-8	LG	Non-Fiction Grades K-3

American Heroes/ Marfe Ferguson Delano	Profiles of fifty-three Americans from the past four hundred years who set out, spoke up, stood tall, fought hard, or dared to dream. (patriotism)	8.4	10-14	MG	Non-Fiction Grades 5-9
American Moments: Scenes from American History/ Robert Burleigh	A look at a cross-section of people and events in American history from 1621 to 2001 representing the many facets of American life. (patriotism)	5.6	6-10	LG	Non-Fiction Grades 1-5
Impossible Patriotism Project/ Linda Skeers	Caleb has a hard time coming up with a way to symbolize patriotism for Presidents' Day until he realizes that his dad, who is away from home in the military, is what patriotism is all about. (patriotism)	3.0	4-8	LG	Easy Fiction Grades K-3
Nothing but the Truth: a Documentary Novel/ Avi	A ninth-grader's suspension for singing "The Star Spangled Banner" during homeroom becomes a national news story. (patriotism)	3.6	11-16	UG	Fiction Grades 6-11
O, Say Can You See?: American Symbols, Landmarks, and Inspiring Words/ Sheila Keenan	Explains places, objects, documents, and holidays that symbolize life in the United States. (patriotism)	5.6	4-8	LG	Non-Fiction Grades K-3
Red, White, and Blue: the story of the American Flag/ John Herman	Describes how the American flag came into being, how it has changed over the years, and its importance as the symbol of our country. (patriotism)	3.2	6-8	LG	Non-Fiction Grades 1-3
Red, White, Blue and Uncle Who?: the Stories behind Some of America's Patriotic Symbols/ Teresa Bateman	Examines seventeen patriotic symbols-from birds to bells to mountains to monuments-and explains how they came to represent America. (patriotism)	7.5	6-10	MG	Non-Fiction Grades 1-5
Stars and Stripes: the Story of the American Flag/ Sarah Thomson	An introduction to the history of the American flag, from colonial times to the present. (patriotism)	4.5	4-8	LG	Non-Fiction Grades K-3
This is America: the American Spirit in Places and People/ Don Robb	Discusses people, places and ideals that express the American spirit. (patriotism)	7.2	6-11	LG	Non-Fiction Grades 1-6

Aerospace Education

Aerospace Education ---weather---flight---airplanes---helicopters---careers---
hot air balloons---space---astronomy

Literature Resources

Title/Author	Brief Summary	AR Level	Age Range	Interest Level	Library Classification & Grade Range
Amazing Flight of Darius Frobisher/ Bill Harley	When his adventurous father disappears during a hot-air balloon flight, 10 year old Darius is sent to live with an aunt. A strange bicycle repairman changes his life with a secret he has built.	4.4	8-12	MG	Fiction Grades 3-7
Can it Rain Cats and Dogs? /Melvin Berger	Answers questions about the weather.	4.6	7-9	MG	Non-Fiction Grades 2-4
El Nino: Stormy Weather for People and Wildlife/ Caroline Arnold	Explores the nature of the El Nino and its effects on people and wildlife.	8.4	8-11	MG	Non-Fiction Grades 3-6
Experiments on the Weather/ Zella Williams	A collection of science experiments related to weather, from the greenhouse effect to making a cloud.	4.3	7-10	LG	Non-Fiction Grades 2-5
Fantastic Flights: One Hundred Years of Flying on the Edge/PatrickO'Brien	Describes seventeen twentieth-century historic flights and their pilots, from the Wright Brothers to those of the space shuttles.	6.0	6-10	MG	Non-Fiction Grades 1-5
Flight: the Journey of Charles Lindbergh/ Robert Burleigh	Describes how Charles Lindbergh achieved the remarkable feat of flying nonstop and solo from New York to Paris in 1927.	3.5	7-11	MG	Non-Fiction Grades 2-6
The Glorious Flight: Across the Channel with Louis Bleroit, July 25, 1909/ Alice Provensen	A biography of the man whose fascination with flying machines produced the Bleroit XI, which in 1909 became the first heavier-than-air machine to fly the English Channel.	2.6	3-8	LG	Non-Fiction Grades K-3
Magic School Bus Kicks Up a Storm/ Nancy White	Led by Ralphie as superhero "Weatherman," Mrs. Frizzle's class boards the magic school bus for a trip inside a storm cloud.	3.4	5-8	LG	Non-Fiction Grades K-3

Pink Snow and Other Weird Weather/ Jennifer Dussling	Discusses what makes some weather patterns so unusual.	2.9	6-8	LG	Non-Fiction Grades 1-3
Weather Forecasting/ Gail Gibbons	Describes forecasters at work in weather stations as they use sophisticated equipment to track and gauge the changes in the weather.	4.0	6-10	LG	Non-Fiction Grades 1-5
Weather Words and What They Mean/ Gail Gibbons	Introduces basic weather terms and concepts.	3.5	4-8	LG	Non-Fiction Grades K-3
Weather/ Lorrie Mack	Text and atmospheric photography look at how weather can affect our lives.	5.0	5-8	LG	Non-Fiction Grades K-3
Weather/ Simon Seymour	Explores the causes, changing patterns and forecasting of weather.	6.3	7-11	MG	Non-Fiction Grades 2-6
What Will the Weather Be?/ Lynda DeWitt	Explains the basic characteristics of weather and how meteorologists gather data for their forecasts.	3.6	5-9	LG	Non-Fiction Grades K-4
Whatever the Weather/ Karen Wallace	Text, illustrations, and photographs of a boy looking out the window introduce different kinds of weather as it changes day to day.	1.6	4-8	LG	Non-Fiction Grades K-3
Apache Helicopter: the AH-64/ Matthew Pitt	Provides general information about helicopters and specific facts about the features and operation of the Apache helicopters.	5.8	10-14	MG	Non-Fiction Grades 5-9
Asteroids, Comets, and Meteorites/ Steve Kortenkamp	This book describes the small solar system bodies: asteroids, comets, and meteorites.	3.7	6-9	LG	Non-Fiction
Blizzards/ Nathan Olson	A brief introduction to blizzards, including how they form, where they happen, and blizzard safety.	3.9	7-10	LG	Non-Fiction Grades 2-5
Bombers/ Jennifer Reed	Simple text and photographs describe bombers, their parts, and what they do.	TBD	4-8		Non-Fiction
Comets and Asteroids/ Ian Graham	This book explains how comets and asteroids form, what they are made of, and how they are studied by astronomers. It presents facts on specific comets, asteroids, and meteorites.	5.8	8-12	MG	Non-Fiction
Comets, Meteors, and Asteroids/ Simon Seymour	Text and illustrations explore the characteristics of comets, meteors, and asteroids.	6.4	8-11	MG	Non-Fiction Grades 3-6

Destination Jupiter/ Simon Seymour	Describes the characteristics of the planet Jupiter and its moons, as revealed by photographs sent back by unmanned spaceships.	5.7	5-9	MG	Non-Fiction Grades K-4
Destination Mars/ Simon Seymour	Examines old beliefs and newest discoveries about Mars.	6.4	5-9	MG	Non-Fiction Grades K-4
Destination Space/ Simon Seymour	Explains new discoveries about the universe made possible by the Hubble Telescope.	6.5	5-10	MG	Non-Fiction Grades K-5
Droughts/ Nathan Olson	A brief introduction to droughts, including what they are, what they impact, and types of droughts.	3.9	7-10	LG	Non-Fiction Grades 2-5
Earth: Our Planet in Space/ Simon Seymour	An introduction to the Earth and its relationship with the sun and the moon.	3.9	7-11	LG	Non-Fiction Grades 2-6
Earth/Elaine Landau	This introduction to Earth describes how the planet looks from space, discusses its orbit in the solar system, explains why Earth can support life, and looks at what missions to outer space have revealed about the planet.	4.6	8-10	LG	Non-Fiction
Exploring Comets/ Jennifer Way	A brief introduction to comets, icy objects from the far reaches of the solar system that pass by Earth at regular periods in their orbit around the sun.	5.1	8-11	LG	Non-Fiction Grades 3-6
Exploring Meteors/ Rebecca Olien	A brief introduction to meteors, from their origins to the differences between meteors, meteorites, and meteoroids.	4.6	8-11	LG	Non-Fiction Grades 3-6
Exploring the Planets in Our Solar System/Rebecca Olien	A brief introduction to the planets in our solar system.	4.1	8-11	LG	Non-Fiction Grades 3-6
Exploring the Sun/ Rebecca Olien	A brief introduction to the star at the center of our solar system, the sun.	4.0	8-11	LG	Non-Fiction Grades 3-6
Far Planets/ Ian Graham	Photographs, diagrams, and illustrations describe the four planets that are the farthest from the Sun.	5.5	8-12	MG	Non-Fiction
Fighter Planes: Fearless Fliers/ Karen & Glen Bledsoe	Discusses real-life missions, training required to be a pilot, and descriptions of planes.	6.9	9-15	MG	Non-Fiction Grades 4-10
First Moon Landing/ Steve Kortenkamp	This book describes the first landing on the Moon, including information about the space race and the "Apollo 11" crew and spacecraft.	3.9	6-9	LG	Non-Fiction

Floods/ Lisa Trumbauer	An introduction to floods and their impact on the natural environment and people.	Not AR	10-12		Non-Fiction Grades 5-7
Galaxies/ Simon Seymour	Identifies the nature, locations, movements, and different categories of galaxies, examining the Milky Way and other known examples.	6.8	8-11	MG	Non-Fiction Grades 3-6
Helicopters: High-Flying Heroes/ Karen Bledsoe	Discusses various types of helicopters and their role in the military and the flying skills necessary to become a pilot.	7.3	9-15	MG	Non-Fiction Grades 4-10
Jupiter/ Elaine Landau	This book is a description of Jupiter and includes information on its numerous moons, the space probes which have studied it, and its unique characteristics.	4.6	8-10	LG	Non-Fiction Grades 3-5
Let's Explore Comets and Asteroids/ Helen Orme	Investigates the latest discoveries about comets and asteroids, describes how they differ and where they are found, highlights space missions to various comets and asteroids.	4.7	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Earth/ Helen Orme	Investigates the latest discoveries about Earth, how movements of its plates cause earthquakes and volcanoes, and the use of robots to explore the planet's deepest oceans.	4.1	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Jupiter/ Helen Orme	Investigates the latest discoveries about Jupiter, its windy storms, and the possibility of drilling for water on its moon Europa.	4.2	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Mars/ Helen Orme	Investigates the latest discoveries about Mars, the discovery of frozen water on the planet, and the possibility of manned missions to the planet.	4.1	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Mercury/ Helen Orme	Investigates the latest discoveries about Mercury, its huge cliffs and craters, and NASA's MESSENGER mission to the planet.	4.6	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Neptune/ Helen Orme	Investigates the latest discoveries about Neptune, its rocky and dusty rings, and the most recent findings sent to Earth by the Hubble Space Telescope.	4.3	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Pluto and Beyond/ Helen Orme	Investigates the latest discoveries about Pluto, explains its change in classification from planet to dwarf planet, and describes the other space objects found beyond Pluto's orbit.	4.5	7-9	LG	Non-Fiction Grades 2-4

Let's Explore Saturn/ Helen Orme	Investigates the latest discoveries about Saturn, describes its fabulous rings and intricate moon system, and highlights ongoing and future missions to the planet.	3.9	7-9	LG	Non-Fiction Grades 2-4
Let's Explore the Moon/ Helen Orme	Investigates the latest discoveries about the moon, explains why the moon appears to change shape, and describes the historic moon missions.	3.7	7-9	LG	Non-Fiction Grades 2-4
Let's Explore the Sun/ Helen Orme	Investigates the latest discoveries about the sun, describes its birth and eventual death, and highlights its importance to all objects in the solar system.	4.1	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Uranus/ Helen Orme	Investigates the latest discoveries about Uranus, describes its crazy spin, and highlights other facts unique to the seventh planet.	4.0	7-9	LG	Non-Fiction Grades 2-4
Let's Explore Venus/ Helen Orme	Investigates the latest discoveries about Venus, the use of radar to examine its surface, and the possibility of a mission to the planet.	4.3	7-9	LG	Non-Fiction Grades 2-4
Look at Earth/ Mary R. Dunn	This introduction to Earth discusses its orbit and axis; provides facts about the planet and its moon; and looks at the atmosphere, oceans, and interior of the ever-changing planet.	4.5	7-10	LG	Non-Fiction Grades 2-5
Look at Jupiter/ Suzanne Slade	This book is an introduction to the planet Jupiter and some of its many moons.	4.2	7-10	LG	Non-Fiction Grades 2-5
Look at Mars/ Mary R. Dunn	This book describes Mars's year, environment, surface, and moons. It also discusses plans for a spacecraft to be sent to the planet.	4.6	7-10	LG	Non-Fiction Grades 2-5
Look at Mercury/ Mary R. Dunn	This book describes Mercury's year, size, environment, and surface. It also discusses spacecraft that have been sent to the planet.	4.7	7-10	LG	Non-Fiction Grades 2-5
Look at Neptune/ Suzanne Slade	This book describes Neptune's year, environment, moons, and rings. It also explains how scientists study the planet.	5.0	7-10	LG	Non-Fiction Grades 2-5
Look at Pluto and Other Dwarf Planets/ Anna Kaspar	This book describes what a planet is and provides information about Pluto's moons, the Kuiper Belt, Eris, asteroid belts, and Ceres.	4.9	7-10	LG	Non-Fiction Grades 2-5
Look at Saturn/ Suzanne Slade	This book describes Saturn's year, environment, moons, and rings. It also discusses spacecraft that have been sent to the planet.	4.4	7-10	LG	Non-Fiction Grades 2-5

Look at Uranus/ Suzanne Slade	This book describes Uranus's year, rotation, environment, moons, and rings. It also explains how scientists study the planet.	4.4	7-10	LG	Non-Fiction Grades 2-5
Look at Venus/ Mary R. Dunn	This introduction to Venus, the second planet from the Sun, discusses its orbit and axis; provides facts about the planet; looks at its landforms; and reviews the history of the exploration of this planet.	4.6	7-10	LG	Non-Fiction Grades 2-5
Magic School Bus Inside a Hurricane/ Joanna Cole	Ms. Frizzle introduces her class to weather projects and takes them on a hot air balloon ride into a hurricane.	4.3	6-9	LG	Non-Fiction Grades 1-4
Magic School Bus (MSB) Inside the Earth/ Joanna Cole	On a special field trip in the magic school bus, Ms. Frizzle's class learns firsthand about different kinds of rocks and the formation of the Earth.	3.6	7-11	LG	Non-Fiction Grades 2-6
MSB Lost in the Solar System/ Joanna Cole	On a special field trip in the magic school bus, Ms. Frizzle's class goes into outer space and visits each planet in the solar system.	3.7	6-9	LG	Non-Fiction Grades 1-4
MSB Sees Stars: a Book about Stars/ Joanna Cole	Ms. Frizzle and her class take a trip to outer space to learn all about the stars.	3.3	5-7	LG	Non-Fiction Grades K-2

Physical Fitness

Physical fitness---good health---exercise---dance---aerobics---healthy food----fun outdoor games----fun indoor games

Literature Resources

Title/ Author	Brief Summary	AR Level	Age Range	Interest Level	Library Classification & Grade Levels
Basketball for Fun!/ Brian Eule	Describes the basic rules, skills and important people and events in the sport of basketball. (outdoor/indoor games)	4.6	8-11	LG	Non-Fiction Grades 3-6
Blood: the Circulatory System/ Gillian Houghton	An introduction to the circulatory system and how it is connected to the other systems of the body. (health/exercise)	5.4	7-10	LG	Non-Fiction Grades 2-6
Bones: the Skeletal System/ Gillian Houghton	An introduction to bones and the skeletal system and how it is connected to the other systems of the body. (good health)	4.7	7-10	LG	Non-Fiction Grades 2-5
Breath: the Respiratory System/ Gillian Houghton	An introduction to the body system that helps us to breathe and how it is connected to the other systems in the body. (good health)	4.5	7-10	LG	Non-Fiction Grades 2-5
Guts: the Digestive System/ Gillian Houghton	An introduction to the process of digestion and how it is connected to other systems of the body. (good health)	4.6	7-10	LG	Non-Fiction Grades 2-5
Muscles: the Muscular System/ Gillian Houghton	An introduction to the muscular system and how it is connected to the other systems of the body. (good health)	4.8	7-10	LG	Non-Fiction Grades 2-5
Nerves: the Nervous System/ Gillian Houghton	An introduction to the nervous system and how it is connected to the other systems of the body. (good health)	5.5	7-10	LG	Non-Fiction Grades 2-5

Bread and Cereal/ Tea Benduhn	Discusses how eating plenty of whole-grain bread and cereal helps to make a healthy heart. (good food)	Not AR	5-9		Non-Fiction Grades K-4
Card Tricks/ Cynthia Klingel	Presents a history of cards and card tricks, along with tips and easy step-by-step instructions for performing several tricks. (indoor games)	4.0	7-9	LG	Non-Fiction Grades 2-4
Chess/ Dana Rau	Introduces the history and rules of chess and discusses how it can be played with family and friends, through the mail, on a computer, in clubs, and in international tournaments. (indoor games)	4.6	8-11	LG	Non-Fiction Grades 3-6
Chess for Kids/ Michael Basman	A fascinating step-by-step guide from setting up the board to basic moves, to more advanced tactics and strategy. (indoor games)	Not AR	8-12		Non-Fiction Grades 3-7
Fruit/ Tea Benduhn	Discusses how eating a wide variety of fruit provides energy and promotes healing. (good food)	Not AR	5-9		Non-Fiction Grades K-4
Meat and Beans/ Tea Benduhn	Discusses how eating meat and beans provides protein to build strong muscles. (good food)	Not AR	5-9		Non-Fiction Grades K-4
Milk and Cheese/ Tea Benduhn	Discusses how eating milk and cheese makes bones & teeth strong. (good food)	Not AR	5-9		Non-Fiction Grades K-4
Vegetables/ Tea Benduhn	Discusses how eating a variety of vegetables keeps the entire body healthy. (good food)	Not AR	5-9		Non-Fiction Grades K-4
Girls' Basketball: Making Your Mark on the Court/LoriColeman	Describes the game of basketball and the skills needed to play. (indoor/outdoor games; exercise)	4.9	8-14	MG	Non-Fiction Grades 3-9
Girls' Soccer: Going for the Goal/ Lori Coleman	Describes soccer, the skills needed to play, and the ways to compete. (exercise; indoor/outdoor games)	5.2	8-14	MG	Non-Fiction Grades 3-9
Girls' Volleyball: Setting up Success/ Heather Schwartz	Describes volleyball, the skills needed for it and the ways to compete. (exercise; indoor games)	5.0	8-14	MG	Non-Fiction Grades 3-9
Girls' Softball: Winning on the Diamond/ Heather Schwartz	Describes softball, the skills needed for it, and the ways to compete. (exercise; outdoor games)	4.6	8-14	MG	Non-Fiction Grades 3-9

Magic School Bus Inside the Human Body/ Joanna Cole	A special field trip on the magic school bus allows Ms. Frizzle's class to get a first-hand look at major parts of the body. (health; exercise)	4.6	6-9	LG	Non-Fiction Grades 1-4
Sleep is for Everyone/ Paul Showers	Describes the importance of sleep and what happens to our brains and bodies during slumber. (good health)	2.6	3-6	LG	Non-Fiction Grades K-1
Busy Body Book: a Kid's Guide to Fitness/ Lizzy Rockwell	An introduction to the human body, how it functions, and its need for exercise. (good health; exercise)	4.3	5-9	LG	Non-Fiction Grades K-4
Please Play Safe!: Penguin's Guide to Playground Safety/ Margery Cuyler	Penguin and his animal friends demonstrate how to play safely and use good manners. (exercise)	2.2	3-5	LG	Non-Fiction Grades K
Stompin' at the Savoy: The Story of Norma Miller/ Norma Miller	Chronicles Norma Miller's early life and rise to fame as one of the original performers of the Lindy Hop. (dance)	4.9	9-13	MG	Non-Fiction Grades 4-8
Knockin' on Wood: Starring Peg Leg Bates/ Lynne Barasch	Presents a picture book biography of Clayton "Peg Leg" Bates, an African American who lost his leg in a factory accident at the age of twelve and went on to become a world-famous tap dancer. (dance)	4.4	6-10	LG	Non-Fiction Grades 1-5
Dance/ Andree Grau	Surveys all forms of dance throughout the world, discussing its cultural and social significance, its costume, its history, and noted dancers and choreographers. (dance)	Not AR	10-14		Non-Fiction Grades 5-9
Good Sports: Rhymes about Running, Jumping, Throwing, and More/ Jack Prelutsky	A collection of poetry about participation sports. (exercise; games)	3.8	8-12	LG	Non-Fiction Grades 3-7