



Summer Fun Learning Activities Guide 2016 Fourth Grade

Encourage Your Child to Read

- Share books and read with your child.
- Ask your child questions about stories he/she is reading; have him/her use parts of the story to explain his/her thinking.
- Encourage your child to use technology to access e-books (iPod, iPad, Kindle, etc.).
- Find poetry or plays to read or watch together.
- Discuss informational texts on a topic of interest to the child.
- Encourage your child to take notes when reading, writing down key points from the text, to aid in overall understanding of the story.

Writing

- Encourage your child to keep a personal journal or diary to tell about things he/she knows or has learned.
- Include your child in real-life writing experiences. (e.g., write a letter to a family member to share recent events).
- Show your child how to use books and online resources to gather information on a topic.
- Encourage your child to practice typing on the computer.
- In reviewing your child's writing, be sure to check for use of proper punctuation (i.e., commas, apostrophes, periods, question marks, exclamation marks, etc.).

Mathematics

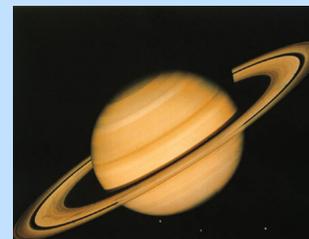
- Solve multistep problems with whole numbers with and without remainders. Interpret the meaning of the remainder. Does the remainder stay the same, round up, or not needed based on the context of the story?
- Generate number or shape patterns that follow a given rule. For example, "Add 4, starting at 1," or "subtract 3, starting at 97."
- Find all the factor pairs for a whole number in the range 1–100. For example, the factor pairs for 12 are 1 and 12; 2 and 6; and 3 and 4.
- Compare two multi-digit numbers, using $<$, $>$, and $=$ symbols. For example, $345 \underline{\quad} 354$, or $107 \underline{\quad} 117$. Discuss each answer.
- Round multi-digit whole numbers to any place value. For example, 367 rounded to the hundreds place is 400 because its closest hundred is 400.
- Solve problems involving measurement conversion of measurements from a larger unit to a smaller unit. For example, 1 foot is 12 times as long as 1 inch, a 4 foot snake is the same as a 48 inch snake.
- Fluently add and subtract multi-digit whole numbers using the standard algorithm.

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Clark County School District Communications Office
5100 W. Sahara Avenue, Las Vegas, Nevada 89146-3406
Phone: 702-799-5304 Fax: 702-799-2853



Science

- Create a model of the solar system.
- Explore magnets in your surroundings.
- Create a sundial.
- Experiment with water (record the evaporation of water in an open jar and in different locations).
- Research endangered animals and what can be done to help save them.





Recommended Summer Reading

America Is Under Attack: September 11, 2001: The Day the Towers Fell by Don Brown

Around the World by Matt Phelan

Basketball Belles: How Two Teams and One Scrappy Player Put Women's Hoops on the Map by Sue Macy

Dream Something Big: The Story of the Watts Towers by Dianna Hutts Aston

Energy Island: How One Community Harnessed the Wind and Changed Their World by Allan Drummond

Every Thing on It by Shel Silverstein

The Great Migration: Journey to the North by Eloise Greenfield

The House Baba Built: An Artist's Childhood in China by Ed Young

Inside Out & Back Again by Thanhha Lai

Junonia by Kevin Henkes

Lemonade: And Other Poems Squeezed from a Single Word by Bob Raczka

The Mangrove Tree: Planting Trees to Feed Families by Susan L. Roth

Migrant by Maxine Trottier

A Nations' Hope: The Story of Boxing Legend Joe Louis by Matt de la Pena

Night Flight: Amelia Earhart Crosses the Atlantic by Robert Burleigh

Orani: My Father's Village by Claire A. Nivola

Secrets at Sea by Richard Peck

Smells Like Treasure by Suzanne Selfors

Thunder Birds: Nature's Flying Predators by Jim Arnosky

Titanic Sinks! Experience the Titanic's Doomed Voyage in This Unique Presentation of Fact And Fiction by Barry Denenberg

Wildwood: The Wildwood Chronicles, Book I by Colin Meloy

Wonderstruck by Brian Selznick

Note to Parents

CCSD offers the above list of links to summer reading lists and resources in our continued support of student achievement and the love of reading. Book lists cover a wide range of topics and interest levels. It is the parents' responsibility to verify the appropriateness of any book for their child. Also, please check with your child's school online, as many schools provide summer reading lists that support site-specific programs and classes.

Science Activities Online

- www.easy-kids-science-experiments.com/
- www.bbc.co.uk/schools/websites/4_11/topic/science.shtml
- www.bbc.co.uk/schools/scienceclips/ages/5_6/science_5_6.shtml
- www.internet4classrooms.com/science_elem.htm
- www.enchantedlearning.com/Home.html
- www.sciencekids.co.nz/

Links to Summer Reading

- <http://readkiddoread.com/>
- www.neh.gov/projects/summertimefavorites.html
- http://lvccld.org/kids/school_age/what_to_read.cfm
- www.mypubliclibrary.com/catalog/library/userdef/kids.aspx
- www.cityofnorthlasvegas.com/Departments/Library/Library.shtm
- <http://ala.org/ala/mgrps/divs/alsc/awardsgrants/notalists/ncb/index.cfm>
- <http://bclibrary.org/kids-resources/>

Local Adventures

- Lake Mead
- Red Rock Canyon Lied Discovery Children's Museum
- Museum of Natural History
- Springs Preserve

