**Grade 7**

**English Language Arts (ELA):**

1. **Reading:**
   * Encourage your child to read a variety of novels such as "The Giver" by Lois Lowry, "Holes" by Louis Sachar, and "The Outsiders" by S.E. Hinton.
   * Explore non-fiction texts like "The Diary of Anne Frank" or "I Am Malala" to broaden their understanding of different cultures and historical events.
   * Join a summer reading program at the local library to incentivize reading and discover new books.
2. **Writing:**
   * Assign writing prompts such as "Write a letter to your future self describing your goals and aspirations" or "Create a short story set in a dystopian society."
   * Encourage your child to start a blog or journal where they can write about their thoughts, experiences, and creative ideas.
   * Practice persuasive writing by composing letters to local officials about community issues or concerns.
3. **Language Skills:**
   * Engage in discussions about current events, literature, or social issues to develop critical thinking and communication skills.
   * Encourage your child to participate in debates or oral presentations about topics they are passionate about.
   * Explore idioms, figurative language, and word origins through games like "Phrase It" or "Word Sneak."

**Mathematics:**

1. **Problem Solving:**
   * Challenge your child with math puzzles and brain teasers from resources like "Math Circles" or "The Art of Problem Solving."
   * Explore real-world applications of math by planning a family budget or designing a dream vacation itinerary within a set budget.
   * Investigate mathematical patterns and sequences by creating and solving logic puzzles or Sudoku grids.
2. **Math Facts:**
   * Practice mental math skills through daily exercises like calculating tips at restaurants or estimating grocery expenses.
   * Use online resources or apps like "Mathletics" or "Khan Academy" for personalized math practice and review.
   * Reinforce multiplication and division facts by playing games like "Math Bingo" or "Multiplication War."
3. **Math Concepts:**
   * Introduce your child to algebraic concepts such as solving equations, simplifying expressions, and graphing linear functions.
   * Explore geometric principles by constructing models of 3D shapes or solving problems involving area, perimeter, and volume.
   * Investigate probability and statistics through experiments like rolling dice, flipping coins, or conducting surveys among family and friends.

**Science:**

1. **Experiments and Exploration:**
   * Conduct hands-on science experiments at home using household items to explore topics such as chemical reactions, forces and motion, and ecosystems.
   * Visit science museums or nature centers to learn about scientific concepts in an interactive environment.
   * Explore the night sky by stargazing and identifying constellations, planets, and celestial phenomena.
2. **Outdoor Activities:**
   * Go on nature walks or hikes to observe and document local flora and fauna, noting changes in the environment over time.
   * Plant a garden and study the life cycle of plants, from seed germination to flowering and fruiting.
   * Investigate environmental issues by participating in community clean-up efforts or volunteering at local conservation organizations.

**Social Studies:**

1. **Historical Exploration:**
   * Read the following books to prepare for the 7th grade SS standards:
     1. *A Long Walk to Water* - Linda Sue Park
     2. *The Third Gift*- Linda Sue Park
     3. *The Boy Who Harnessed the Wind* - William Kamkwamba
     4. *Nelson Mandela* - Kadir Nelson
     5. *Goldy Luck and the Three Pandas* - Natasha Yim
   * Watch historical documentaries or movies like "Schindler's List" or "Selma" and discuss their historical context and significance.
   * Visit historical sites or museums to learn about specific events, figures, and movements in history.
2. **Civics and Geography:**
   * Study maps and atlases to learn about different regions, countries, and cultural landmarks around the world.
   * Discuss current events and political issues, encouraging your child to research and analyze multiple perspectives on complex topics.
   * Explore the principles of democracy and citizenship by volunteering in the community or participating in local government initiatives.

By engaging in these activities, parents can help their 7th-grade students maintain and reinforce their academic skills over the summer while exploring new interests and expanding their knowledge.