General Parent Resources
◊ Common Core State Standards– www.cde.ca.gov/re/cc
◊ Common Core Video– www.commoncoreworks.org/page/378
◊ Parent Roadmaps to Common Core Standards (Council of Great City Schools’) - http://www.cgcs.org/Page/328
◊ Parents’ Guides to Student Success (National PTA) - http://www.pta.org/parents/content.cfm?ItemNumber=2583&navItemNumber=3363

Common Core Grade Level Resources
◊ A Look At Kindergarten Through Grade Six In California Public Schools– www.cde.ca.gov/ci/cr/cf/grlevelcurriculum.asp
◊ Learn Zillion—High Quality Lessons For Review By Students All Aligned To CCSS– www.learnzillion.com

Common Core Assessment

Parent/Student Home Resources
◊ Family Math Activities– http://www.orecity.k12.or.us/staff/curriculum_resources/mathematics/family_math_activities
◊ Everyday Mathematics– http://everydaymath.uchicago.edu/parents/
◊ Reading Resources- http://www2.ed.gov/parents/read/resources/edpicks.jhtml

Seventh Grade
Common Core State Standards
For California Schools
PARENT ROADMAP
Designed to prepare all students to graduate from high school ready for post secondary education and careers.

Prepared by:
Tehama County Department of Education
Educational Support Services

Richard DuVarney
Tehama County Superintendent of Schools
www.tehamaschools.org
(Adapted with permission from the National PTA)
This Parent Roadmap Includes:

- An introduction to Common Core State Standards (CCSS).
- An overview of what your child will be learning in English language arts/literacy and mathematics.
- Tips for talking to your child’s teacher about his or her academic progress.
- Ideas and activities to help your child extend learning at home.
- Additional resources.

What are the Common Core State Standards (CCSS)?

California has joined a national research-based movement to adopt common standards and assessments for English language arts/literacy and mathematics. Common standards allow for collaboration among states on best practices and professional development. Common learning goals provide a clear vision of what educators, students and parents in all states should aim for. These learning goals help ensure that students meet college and work expectations, are prepared to succeed in a global economy and society, and are provided with rigorous standards. The CCSS include standards for English language arts/literacy and mathematics for each grade level or subject course for K-12. In English language arts/literacy, CCSS are organized by the College and Career Readiness Anchor Standards. These broad standards along with the grade specific ELA standards (reading, writing, speaking and listening, and language) define the skills and understandings students must demonstrate to achieve literacy in all areas. In mathematics, content standards are organized by grade level or subject course (K-12), and include Standards for the Mathematical Practices. These behaviors and practices deepen students understanding of mathematics and enhance their problem solving abilities.
Tehama County Department of Education (TCDE) is dedicated to supporting schools and districts as they work to improve student achievement and meet the needs of all learners. Please visit our website at www.tehamaschools.org for a complete listing of department offerings. The following programs offer resources that may be especially valuable for parents.

**Educational Support Services:**
TCDE Educational Support Services provides administrators and teachers quality assistance in building knowledge and skills around the district and school culture, goal setting and implementation, and instructional practices. The goal of ESS is to build the capacity of educators to improve student achievement for all. Our services include:

- Professional development workshops
- Administrator and teacher learning community facilitation
- English/language arts and Mathematics instructional coaching
- District/school plan facilitation
- Community educational events
- Educational resources for loan

**SERRF After School Program:**
The Safe Education and Recreation for Rural Families Program (SERRF) is an after school program which provides a safe, healthy and enriching environment for K-8 school children to participate in:

- Homework Assistance/Tutoring
- Academic Enrichment/Recreation
- Social Skills Development
- Prevention Activities
- Youth Development
- Character Education
- High Education
- Career Exploration

**College OPTIONS:**
College OPTIONS provides free programs and services to strengthen the college-going culture in Tehama County, by increasing opportunities for students to pursue postsecondary education, and ensuring that all students and their families can make informed decisions about their education and their future.

- Educational Planning Services
  - Advisors in public schools
  - Career Assessment Information
  - Information on preparing for college entrance exams and college admissions application assistance
- Financial Aid Services
  - Scholarship information and programs
  - Help with financial aid applications
- Regional Efforts
  - Programs and college awareness events for students of all ages and their families
  - College campus visits
  - Professional development for educators

**Why Are Academic Standards Important?**
The Common Core State Standards are important because they help ensure that all students, no matter which state they live in, are prepared for success in college and the workforce. They help set clear, consistent, and high expectations for students, parents, and teachers, build your child’s knowledge and skills, and help set high goals for all students. Having clearly defined goals helps families and teachers work together to ensure that students succeed. Standards help parents and teachers know when students need extra assistance or when they need to be challenged. Standards also will help students develop critical thinking skills that prepare them for the world beyond high school.

**Success Today’s students are moving beyond the basics and embracing the 4C’s—“super skills” for the 21st century!**

- Communication
  - Sharing thoughts, questions, ideas, and solutions
- Collaboration
  - Working together to reach a goal – putting talents, expertise, and smarts to work
- Critical Thinking
  - Looking at problems in a new way, linking learning across subjects & disciplines
- Creativity
  - Tying new approaches to get things done equal innovation & invention
College & Career Preparation

The first column represents overarching cross-disciplinary literacy expectations also known as the ELA Anchor Standards. The second column, Mathematical Practice Standards, explains the important math processes and proficiencies students should develop to prepare for success.

<table>
<thead>
<tr>
<th>ELA Anchor Standards</th>
<th>Mathematical Practice Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Reading</td>
<td>1. Make sense of problems and persevere in solving them.</td>
</tr>
<tr>
<td>• Key Ideas and Details</td>
<td>2. Reason abstractly and quantitatively.</td>
</tr>
<tr>
<td>• Craft and Structure</td>
<td>3. Construct viable arguments and critique the reasoning of others.</td>
</tr>
<tr>
<td>• Integration of Knowledge and Ideas</td>
<td>4. Model with mathematics.</td>
</tr>
<tr>
<td>• Range of Reading and Level of Text Complexity</td>
<td>5. Use appropriate tools strategically.</td>
</tr>
<tr>
<td>2. Writing</td>
<td>6. Attend to precision.</td>
</tr>
<tr>
<td>• Text Types and Purposes</td>
<td>7. Look for and make use of structure.</td>
</tr>
<tr>
<td>• Production of Distribution of Writing</td>
<td>8. Look for and express regularity in and repeated reasoning.</td>
</tr>
<tr>
<td>• Research to Build and Present Knowledge</td>
<td></td>
</tr>
<tr>
<td>• Range of Writing</td>
<td></td>
</tr>
<tr>
<td>3. Speaking and Listening</td>
<td></td>
</tr>
<tr>
<td>• Comprehension and Collaboration</td>
<td></td>
</tr>
<tr>
<td>• Presentation of Knowledge and Ideas</td>
<td></td>
</tr>
<tr>
<td>4. Language</td>
<td></td>
</tr>
<tr>
<td>• Conventions of Standard English</td>
<td></td>
</tr>
<tr>
<td>• Knowledge of Language</td>
<td></td>
</tr>
<tr>
<td>• Vocabulary Acquisition and Use</td>
<td></td>
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</tbody>
</table>

How Can Parents Help at Home?

- Ask your child to calculate the unit rates of items purchased from the grocery store. For example, if 2 pounds of flour cost $3.00, how much does flour cost per pound?
- Use store advertisements to engage your child in working with numbers. For example, if a store advertises 30% off, have your child estimate the dollar amount of the discount as well as the sale price of an item.
- Have students use four 4's and any of the four arithmetic operations to write the numbers from 0 to 20 (for example, $44 - 44 = 0; 4 \cdot 4 - 4 \cdot 4 = 0$. How do you get 1? $4/4 + 4 - 4 = 1$).
- Encourage your child to stick with it whenever a problem seems difficult. This will help your child see that everyone can learn math.
- Praise your child when he or she makes an effort and share in the excitement when he or she solves a problem or understands.
Tips for Talking With Teachers!

Don’t be afraid to reach out to your child’s teacher. You are still an important part of your child’s education. Ask to see samples of your child’s work and discuss his/her progress with the teacher using questions like:

◊ Is my child at the level where he/she should be at this point in the school year?
◊ How is math progress measured? Can we look at some of his/her work together?
◊ Which area of math is my child excelling in?
◊ What do you think is giving my child the most trouble? How can I help? Do you have any additional activities that would support my child?
◊ Can you show me how you solved this problem in class?
◊ Which math topics are coming up? What can I do to help get them ready for upcoming work?
◊ What is your preferred method of communication (email, phone, notes home)?
◊ How can I keep track of his/her completed assignments? Do you communicate grades online?

Future Graduate Lane

Four Attributes of College & Career Ready Students

<table>
<thead>
<tr>
<th>Academic Behaviors</th>
<th>Higher Order Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students possess the ability to organize their academic work, engage in self-assessment of progress toward course outcomes, manage their time effectively, and complete or refine assignments with precision and...</td>
<td>Students possess the ability to solve problems using critical thinking, reasoning and interpretation of research and results, communicated in a manner that conveys clear understanding of various solutions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Real World Application</th>
<th>Academic Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students possess the ability to successfully complete problems connected to real world scenarios that require conceptual application of content knowledge, collaborative group work and use of various forms of media.</td>
<td>Students possess the ability to demonstrate mastery of content area skills and concepts through the appropriate use of academic language (reading, writing and speaking) as defined by the level of rigor within the standard.</td>
</tr>
</tbody>
</table>
Highlights of English Language Arts

In grade seven, students will continue to develop the ability to cite relevant evidence when interpreting or analyzing a text or supporting their points in speaking and writing. Your child will also build academic vocabulary as he or she reads more complex texts, including stories, plays, historical novels, poems, informational books and articles.

Samples of the Work Your Student Will Be Doing

- Analyzing how the form or structure of a play or poem contributes to its meaning.
- Analyzing how particular elements of a story or play interact.
- Determining how an author develops and contrasts the points of view of different characters or narrators in a text.
- Using word roots to determine the meaning of words.
- Conducting short research projects, drawing on several sources and identifying related questions for further research and investigation.
- Writing for a range of purposes and audiences.
- Engaging in a range of classroom discussions on topics and texts, expressing ideas clearly and building on the ideas of others.

Math Progressions

Here is an example of how students will develop mathematical skills across grade levels as they continue to challenge themselves throughout each year.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Task</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sixth Grade</td>
<td>Understand the concept of a ratio and a unit rate and use the correct language to describe it. Use ratio and rates to solve real-world problems.</td>
<td></td>
</tr>
<tr>
<td>Seventh Grade</td>
<td>Analyze proportional relationships and use them to solve real-world problems. Recognize and represent proportional relationships in various ways, including using tables, graphs, and equations.</td>
<td></td>
</tr>
<tr>
<td>Eighth Grade</td>
<td>Understand the connections between proportional relationships, lines, and linear equations.</td>
<td></td>
</tr>
</tbody>
</table>

Sample of What Students Will Be Asked To Do

Problem: After a 20% discount, the price of a skateboard is $148. What was the price before the discount?

Solution: After a 20% discount, the price is 80% of the original price. So 80% of the original price is $148. Students use this information to find the value of 20% and 100% of the original price.

\[
\begin{align*}
20\% &= 148 \\
80\% &= 4 \times 20\% \\
20\% &= 80\% + 4 \\
20\% &= 148 + 4 \\
20\% &= 37 \\
100\% &= 20\% + 80\% \\
100\% &= 20\% + 37 + 148 \\
100\% &= 185
\end{align*}
\]

Students will also learn to write and solve the equation representing this situation as 0.8x = 148.
Highlights of Mathematics

In Grade 7, students will further develop their understanding of rates and ratios, using tables, graphs, and equations to solve real-world problems involving proportional relationships. Students will also work on quickly and accurately solving multi-step problems involving positive and negative rational numbers. They will work with expressions and linear equations. Additionally, students will expand their knowledge of geometry and apply the properties of operations to solve real-world problems requiring scaled drawings and measurement of multi-dimensional objects involving area and volume. Students will draw inferences about populations based on informal sampling and data set creation.

Samples of the Work Your Student Will Be Doing

- Using square root and cube root symbols to represent solutions.
- Solving multi-step problems involving rates, ratios, proportions and percentages.
- Identifying the unit rate of change in tables, graphs, equations, and verbal descriptions.
- Solving problems using equations to find the value of one missing variable.
- Using the properties of operations to generate equivalent mathematical expressions.
- Solving multi-step word problems by adding, subtracting, multiplying, and dividing positive and negative rational numbers in any form.
- Converting rational numbers to decimals using long division.
- Finding the area of two-dimensional objects and the volume and surface area of three-dimensional objects.

ELA Progressions

Here is an example of how students will develop literacy skills across grade levels as they read and write increasingly challenging works of literature and informational text.

Samples of Texts Students Will Work With

Literature: The Tale of the Mandarin Ducks; Roll of Thunder, Hear My Cry
Informational: Cathedral: The Story of Its Construction; Math Trek: Adventures in the Math Zone

What Students Will Be Asked To Do

Literature
Cite specific textual evidence as well as draw inferences about the drake and the duck from Katherine Patterson’s The Tale of the Mandarin Ducks to support the analysis of the perils of vanity.

Informational
Integrate the technical information expressed in the text of David Macaulay’s Cathedral: The Story of Its Construction with the information conveyed by the diagrams and models Macaulay provides to create a detailed summary of the information, displaying a deep understanding of Gothic architecture.
Tips for Talking with Teachers!

Don’t be afraid to reach out to your child’s teacher. You are still an important part of your child’s education. Ask to see samples of your child’s work and discuss his/her progress with the teacher using questions like:

◊ Is my child’s work meeting grade-level expectations in reading and writing?

◊ What are my child’s strengths and weaknesses in literacy?

◊ What can I do at home to make sure that my child is successful in reading and writing in the content areas?

◊ How can I help my child develop their speaking and listening skills at home?

How Can Parents Help at Home?

◊ Provide time and space away from distractions for your child to read independently.

◊ Ask your child what topics, events, or activities he or she likes. Look for books, magazines, or related materials online about these topics that would motivate your child to read.

◊ Provide opportunities for your child to write informative texts about topics that interest them using technology to publish writing that is clear and purposeful.

◊ Encourage your child to develop proficient listening and speaking skills by having them paraphrase information, discuss misleading ideas, or deliver oral directions.

◊ Make time for conversation at home. Discuss current events, shared interests, and future aspirations for education and career.

◊ Visit museums, zoos, theatres, historical sites, aquariums, and other educational places to help increase your child’s exposure to new knowledge and vocabulary.