



COLLEGE AND CAREER READY

A WORLD-CLASS EDUCATION FOR MILITARY-CONNECTED STUDENTS

Classroom Shifts – How parents can help their children learn

DoDEA’s College and Career Ready (CCR) Standards are modeled after the Common Core State Standards. The CCR Standards will guide teachers to make 6 major “shifts” or changes in their classrooms. There will be six shifts in Literacy and six in Mathematics. These changes may be challenging at first as students and teachers adjust to higher expectations.

As a parent, you can help and learn more by talking with your child about what they are learning. Ask open-ended questions about what they learned in school each day, read their homework, and attend school events to learn about what their teachers expect.

This document explains some of the ways your child’s classroom is adapting and how you can help.

The six “shifts” in Literacy and Mathematics

LITERACY PRE-K THROUGH 12	MATHEMATICS PRE-K THROUGH 12
• Reading fiction & non-fiction across subjects	• Learn more about less; the how and the why
• Learn about the world by reading	• Build skills within and across grade levels
• Read more challenging material, earlier	• Fluent calculations; applying skills accurately
• Talk about reading using “evidence “ from text	• Really know it, really do it, understand deeply
• Write about texts using “evidence”	• Use math in the real world
• Broader and richer vocabulary in all learning	• Balance understanding with lots of practice



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LITERACY: EXPECTATIONS FOR STUDENTS AND IDEAS FOR PARENTS

What's the shift?

What will students have to do?

What can parents do to help?

Reading fiction & non-fiction across subjects	<p>Read more non-fiction and informational text</p> <p>Understand how non-fiction is written and put together</p> <p>Enjoy and discuss the details of non-fiction</p>	<p>Supply more non-fiction texts</p> <p>Read non-fiction books aloud or with your child</p> <p>Have fun with non-fiction in front of your child</p>
Learn about the world by reading	<p>Learn more about science and social studies through reading</p> <p>Use "primary source" documents</p> <p>Get smarter through the use of texts</p>	<p>Supply series of texts on topics that interest your child</p> <p>Find books that explain how things work and why</p> <p>Discuss non-fiction texts and their ideas</p>
Read more challenging & sophisticated material earlier	<p>Re-read until they understand</p> <p>Read books both at and above their comfort level</p> <p>Handle frustration</p> <p>Keep pushing to improve</p>	<p>Know what is grade-level appropriate</p> <p>Provide challenging texts and books they can read easily</p> <p>Read challenging books with your child</p> <p>Show that challenging books are worth reading</p>
Talk about reading using evidence from text	<p>Find evidence to support their arguments</p> <p>Form judgments and opinions</p> <p>Discuss what the author is thinking</p> <p>Make predictions about what will happen next</p>	<p>Talk about texts</p> <p>Demand evidence in everyday discussions/disagreements</p> <p>Read aloud or read the same book as your child & discuss</p> <p>Discuss predictions</p>
Write about text using evidence	<p>Make arguments in writing using evidence & facts</p> <p>Compare multiple texts in writing</p> <p>Learn to write well and work toward high quality first drafts</p>	<p>Encourage writing at home</p> <p>Write "books" together using evidence and details</p> <p>Review samples of exemplar student writing</p>
Broader and richer vocabulary in all learning including fluency with mathematical words	<p>Learn the words they will need to use in college and career</p>	<p>Read often and constantly with young children</p> <p>Read multiple books on the same topic</p> <p>Talk to your children, read to them, listen to them, sing with them, make up silly rhymes and word games</p>



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MATHEMATICS: EXPECTATIONS FOR STUDENTS AND IDEAS FOR PARENTS

What's the shift?	What will students have to do?	What can parents do to help?
Learn more about less, the how and the why	Spend more time on fewer concepts	Know what the priority work is for your child at their grade level, each year.
Build skills within and across grade levels	Keep building on learning year after year	Be aware of what your child struggled with last year and how that will effect ongoing learning Advocate for your child Ensure that support is given for "gap" skills, such as negative numbers, fractions, etc.
Fluent calculations; applying skills accurately	Students will be asked to emphasize their calculation skills in solving problems quickly and accurately. As a student's fluency increases, they can use their critical thinking power to understand more complex concepts and real-world examples of non-traditional problem solving.	Push children to know, understand and learn basic math facts Know all of the fluencies your child should have Prioritize learning the fluencies your child finds most difficult
Really know it, really do it, understand deeply	The goal here is for students to build understanding; conceptual, experiential and contextual that balances the deeper understanding of mathematics along with intensity, procedural skills and fluency.	Spend time with your child on priority work Ask your child's teacher for reports on your child's progress on priority work. Each grade level has specific critical areas of mathematics to master.
Really know it, really do it	Make the math work, and understand why it does Talk about why the math works Prove that they really know why and how the math works	Ask questions and review homework to see whether your child understands <i>why</i> as well as <i>what</i> the answer is Advocate for the time your child needs to learn key math skills; play math games and ask math questions at home; Provide time for your child to work on math skills at home
Use math in the real world	Apply math in real world situations Know which math skills to use for which situation	Ask your child to do the math that comes up in daily life
Balance understanding with lots of practice	Math involves deep understanding with lots of practice. Math builds on previous math; the more you know and learn, the more you can learn and know from Kindergarten - grade 12	Give mathematics time and attention at home. Challenge your child to be the best "math person" they can be; look for math in the natural world; it's all around us.