

## Key Content Knowledge

Key Content Knowledge is necessary to understand the academic disciplines relevant to one's chosen career path. This includes overarching reading and writing skills, and core academic subject-area knowledge and skills, including English/language arts, mathematics, science, social sciences, world languages, and the arts. Teachers cannot simply transfer content knowledge to their pupils; students need to expend effort to master and apply subject-specific content knowledge. For this reason, this Key includes the ways in which students interact with content knowledge: how they perceive its value, the effort they are willing to expend to learn necessary content, as well as their internal attributions and beliefs about why they succeed or fail in mastering this knowledge.

Element	To succeed in college and/or the workplace, high school students need to be able to do the following:
<p><b>Structure of Knowledge</b></p> <p><b>Technical Knowledge and skills</b></p>	<p>Cultivate developmentally appropriate mastery of subject matter knowledge along the novice-expert continuum in the core content areas, including:</p> <ul style="list-style-type: none"> <li>• reading and writing,</li> <li>• mathematics,</li> <li>• science,</li> <li>• social studies, and</li> <li>• art.</li> </ul> <p>Learn Key terms and terminology, factual information, linking ideas, and organizational concepts within the above content areas.</p>
<p><b>Student Characteristics</b></p> <p><b>Learning content is a challenge</b></p> <p><b>Content is valued</b></p> <p><b>Effort</b></p>	<p>Understand that:</p> <ul style="list-style-type: none"> <li>• learning and intelligence are malleable and can be changed through increased effort;</li> <li>• effort is under one's own control and applied more easily when motivation is high;</li> <li>• academic topics related to real world contexts that are intrinsically interesting and relevant; and</li> <li>• academic challenges are to be welcomed, rather than avoided.</li> </ul> <p>Good teaching alone is not enough - successful students must engage and expend effort to master what is taught.</p>

# KNOW Content Knowledge

Component	Kindergarten & First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade	Sixth Grade	Seventh Grade	Eighth Grade
<i>Structure of Knowledge (Big Ideas and how those ideas frame the study of subject)</i>	Child is meeting targeted Reading Standards by hitting RSD cut scores	Child is meeting targeted Reading Standards by hitting RSD cut scores. Child reads to learn science, social studies or other topic based content.			Child is meeting targeted Reading Standards by hitting RSD cut scores.  Child continues to move from novice to expert in content knowledge. Discusses content being learned in a manor consistent with subject learned.			
<i>Technical Knowledge and Skills</i>								
<i>Learning content is a challenge</i>	Child will take on a challenge.	Child will take on a challenge.  Child understands that learning is flexible and can be changed through increased struggle.			Child welcomes academic challenges rather than avoiding.  Child understands that learning is flexible and can be changed through increased struggle.			
<i>Content is Valued</i>				Child recognizes successful students must engage to master what is taught.				
<i>Effort</i>	Child is giving effort in all work		Child is having sustained effort in all work.					