




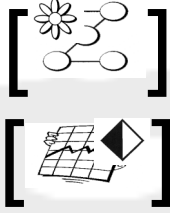


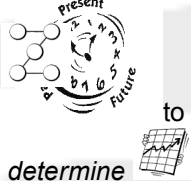


# OUR PATHWAY TO EXPERTISE

## SCOPE AND SEQUENCE OF A DIFFERENTIATED CLASSROOM

FOUNDATION	DEPTH	COMPLEXITY	CONTENT IMPERATIVES	THINK LIKE A DISCIPLINARIAN	INDEPENDENT STUDY
<p>CALIFORNIA STATE</p>  <p>CONTENT STANDARDS</p>	<p><b>Dig DEEPER</b> into the layers of Your study</p> 	 <p><b>STRETCH YOUR IDEAS THROUGH COMPLEX THINKING</b></p>	 <p><b>Re-Examine YOUR LEARNING</b></p> 	 <p><b>ANALYZE YOUR STUDY THROUGH THE EYES OF A Specialist</b></p>	<p>Research Your Unanswered Questions or Compacted Learning</p> 
<p><u>Disciplines:</u> Language Arts, Math, Earth/Physical Sciences, Social Sciences, Fine/Performing Arts</p>	<p>Big Ideas, Language of the Discipline, Details, Rules, Patterns, Trends, Ethics, Unanswered Questions</p>	<p>Relate Over Time, Multiple Perspectives, Across the Disciplines</p>	<p><b>Origins, Parallel, Paradox, Convergence, Contributions</b></p>	<p>Anthropologist, Sociologist, Linguist, Historian, Biologist, Economist, Political Scientist, Philosopher, Geographer, Physicist</p>	<p>Novelty, Acceleration, and the use of Bloom's Taxonomy (higher levels of thinking) with Key Words</p>

# OUR PATHWAY TO EXPERTISE

## SCOPE AND SEQUENCE OF DEPTH & COMPLEXITY

		<b>CONCRETE</b> <small>(simple, foundational)</small>					<b>ABSTRACT</b> <small>(complex, )</small>
		<b>INTRODUCTION</b> <i>as Tools</i> 	<b>UTILIZATION</b> <i>as Prompts</i> 	<b>COUPLING</b> 	<b>INTEGRATION</b> 	<b>KEY WORDS</b> (Purpose of  ) (Value of  )	<b>ICONIC STATEMENTS</b>  <i>determine</i> 
KEY DETAILS		<ul style="list-style-type: none"> <li>Introduced as “thinking tools” to help understand, apply, and master content</li> <li>Each D/C dimension has an icon, name, &amp; prompt</li> </ul>	<ul style="list-style-type: none"> <li>“Task Starters”</li> <li>Statements/Directions/ Questions applying a D/C dimension to a learning task.</li> <li>Apply with Thinking Skills</li> </ul>	<ul style="list-style-type: none"> <li>Once several D/C dimensions have been learned...</li> <li>Use one D/C dimension with another D/C most suitable to the subject or task</li> </ul>	<ul style="list-style-type: none"> <li>Once several D/C dimensions have been learned...</li> <li>Combine D/C dimensions into one</li> </ul>	<ul style="list-style-type: none"> <li>Words added to D/C task that help facilitate the rigor &amp; sophistication of the task.</li> </ul>	<ul style="list-style-type: none"> <li>Combination of depth and /or complexity with coupling, integration, and key word/s to form a TASK</li> </ul>
EXAMPLE		ICON:  NAME: Details EXPLANATION: Details are...facts, parts, traits, attributes, ideas...	PROMPT: <ul style="list-style-type: none"> <li>Describe the details of...</li> <li>Explain the parts of...</li> <li>What are the attributes?</li> <li>What distinguishes this from other things?</li> </ul>	Find the trends <b>AND</b> the changes over time in the economic policy of the government.  What the perspectives <b>AND</b> ethics of abortion?	What are the details <b>OF</b> the pattern?  What are the ethical values <b>IN</b> the trend?	What is the <b>PURPOSE</b> of the pattern?  <b>DETERMINE</b> the <b>VALUE</b> of the ethics in a character.	<b>Identify the changes over time in the migration pattern to determine the trends (political, economical, or geographical factors) of farm workers.</b>
APPLICATION W/IN A DISCIPLINE		[See “Sample List” from <u>Depth and Complexity Icon Cards</u> for specific applications	See “Sample List” from <u>Depth and Complexity Icon Cards</u> for specific applications				

**Use D/C dimensions *most* applicable to the discipline (content, process, product)**

# OUR PATHWAY TO EXPERTISE

## **GETTING STARTED: INTEGRATING DEPTH & COMPLEXITY DIMENSIONS INTO THE CLASSROOM**

Adapted from Depth and Complexity Icon Cards, Educator to Educator, 2003. [www.ed2ed.com](http://www.ed2ed.com)

Pathway 1	Start with PRODUCT	
Pathway 2	Start with PROCESS	
Pathway 3	Start with CONTENT	
Pathway 4	Start with the DISCIPLINE	

# OUR PATHWAY TO EXPERTISE