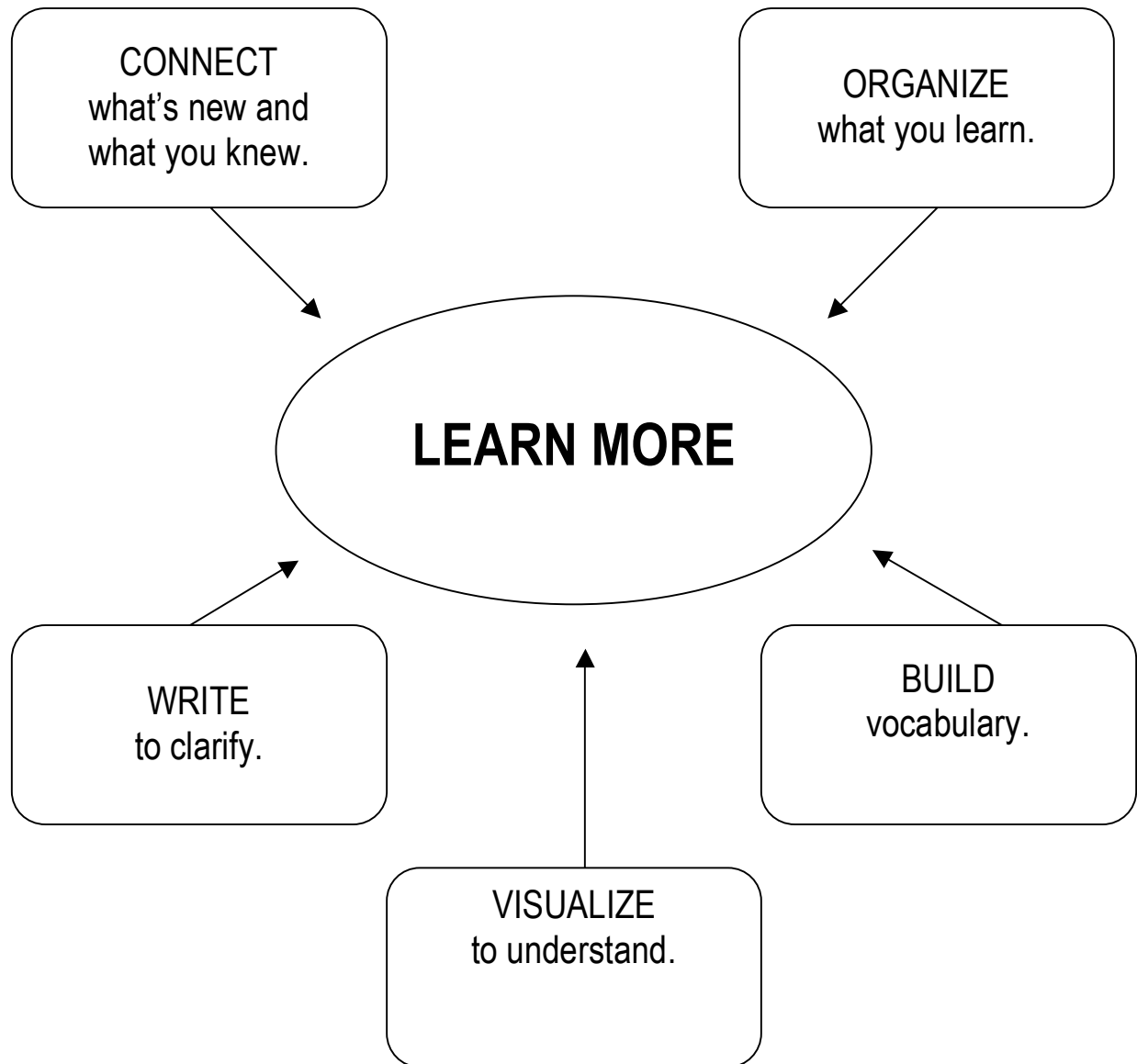


# Curie Math Connections

Resources to Support Progressive Standards-Based Teaching and Assessment



**Chunk the content for each quarter. Then identify processes and assessments that will help develop and apply that content.**

**COURSE:** \_\_\_\_\_

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Content</b> <i>List the major topics to be developed</i>				
<b>Reading Strategies</b>				
<b>Work Keys—strategies for learning and explaining</b>				
<b>Math Terms --Word Knowledge</b>				
<b>Writing</b>				

**Chunk the content for each quarter. Then identify processes and assessments that will help develop and apply that content.**

**COURSE:** \_\_\_\_\_

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Content</b> <i>List the major topics to be developed</i>				
<b>Reading Strategies</b>	analyze word problem identify operation terms locate information Reading to identify problem focus	evaluate information restate problem in own words Relate current reading to prior knowledge	evaluate information restate problem in own words Relate current reading to prior knowledge	evaluate information restate problem in own words Relate current reading to prior knowledge
<b>Work Keys—strategies for learning and explaining</b>	note-taking graph estimation check solutions	order of operations diagram identify relevant strategies	Summarize	Summarize
<b>Math Terms --Word Knowledge</b>	Make word bank Write with terms	Make glossary Write with terms	Expand glossary Write with terms	Expand glossary Write with terms
<b>Writing</b>	“math path” math journal math problems	“math path” math journal math problems	“math path” math journal math problems	“math path” math journal math problems
<b>Assessments</b>	Quiz Math reports— “how to” with problem and solution Test Demonstration	Quiz Math reports— “how to” with problem and solution Test Demonstration Guide to problem solving	Quiz Math reports— “how to” with problem and solution Test Demonstration Guide to strategies	Quiz Math reports— “how to” with problem and solution Test Demonstration Guide to strategies

## Organize Engaged Learning

Start here—what should be part of first quarter?

**Know How:** List what your students need to **know how to do** to succeed in your subject.

**Know What:** List the core content they need to understand and apply first quarter.

Then schedule the first quarter's content and skills.

Week 1	Week 2	Week 3	Week 4	Week 5

Week 6	Week 7	Week 8	Week 9

## Math Weekly Planner

Focus: What's Important this week?	This week's math reading	Writing __ word problems __ math report _____
Reading Comprehension Strategies __ analyze word problem __ restate problem in own words __ identify operation terms _____	This Week's Words	This Week's Assessment __ write to explain topic with this week's words _____ _____

	FOCUS	ACT	REPORT AND EXTEND
M	__ KWL __ Teacher Models __ solve today's problem __ Homework Review/Connect _____		__ kwl __ Math journal __ work log __ Think, Pair, Share _____ Homework
T	__ KWL __ Teacher Models __ Student demos __ solve today's problem __ Homework Review _____		__ kwl __ Math journal __ work log __ Think, Pair, Share _____ Homework
W	__ KWL __ Teacher Models __ Student demos __ solve today's problem __ Homework Review _____		__ kwl __ Math journal __ work log __ Think, Pair, Share _____ Homework
Th	__ KWL __ Teacher Models __ Student models __ Solve today's problem __ Homework Review _____		__ kwl __ math journal __ work log __ Think, Pair, Share _____ Homework
F	__ KWL __ Teacher Models __ Student models __ Solve today's problem __ Homework Review _____		__ kwl __ math journal __ work log __ Think, Pair, Share _____ Homework

Applied Principles and Strategies of Special Education to Clarify All Learning  
 \_\_ written and oral directions \_\_ graphic organizer \_\_ peer coach \_\_ model procedures  
 \_\_ chunk the content \_\_ learning partners \_\_ students restate the content in their own words  
 \_\_ assess the way you teach, teach the way you will assess \_\_ teach and assess diversely  
 \_\_ step-by-step guide \_\_ concrete examples \_\_ visual aids \_\_\_\_\_

