

Science-Math-ELA Connections 3-5

3	4	5
UNIT 1 ROCKS AND MINERALS	UNIT 1 ANIMAL STUDIES	UNIT 1 VARIABLES
<u>MATH</u>	<u>MATH</u>	<u>MATH</u>
Comparing/Contrasting	Comparing/Contrasting	Comparing/Contrasting
Data Collection	Data Collection/Analysis	Data Collection/Analysis
Sorting/Classifying	Measurement	Metric Measurement
Predicting		Graphing
Graphing		Calculating Unit Price and Cost/Hour
Analyzing/Interpreting Data		Averages
Problem Solving		Basic Computation
		Angles
		Reading/Designing 2 coordinate Graphs
		Use of Calculator
		Counting and Predicting
<u>ELA</u>	<u>ELA</u>	<u>ELA</u>
Journaling	Journaling	Journaling
Vocabulary	Vocabulary	Vocabulary
Graphic Organizers	Graphic Organizers	Graphic Organizers
Reading/Discussing non-fiction text	Reading/Discussing non-fiction text	Reading/Discussing non-fiction text
Adjectives	Researching	Text Dependent Questions
Creating Profile Charts	Creative Writing	Guided Reading
Create/Present Oral Report	Note Taking	Academic Vocabulary
	Reading/Following Written Directions	Speaking/Listening: Group Sharing
UNIT 2 PHYSICS OF SOUND	UNIT 2 ELECTRIC CIRCUITS	UNIT 2 MOTION AND DESIGN
<u>MATH</u>	<u>MATH</u>	<u>MATH</u>
Problem Solving	Problem Solving	Problem Solving
Comparing/Contrasting	Comparing/Contrasting	Comparing/Contrasting
Predicting	Predicting	Predicting
Sequencing	Sequencing	Sequencing
Length	Symbol Recognition	Technical Drawing/Design
Logic Problems		Measurement
Graphing		Graphing
		Time with Stop Watches
		Data Collection/Analysis
		Cost Analysis
		Estimation
		Multiplication
<u>ELA</u>	<u>ELA</u>	<u>ELA</u>

Journaling	Journaling	Journaling
Vocabulary	Vocabulary	Vocabulary
Reading/Discussing non-fiction text	Reading/Discussing non-fiction text	Reading/Discussing non-fiction text
Adjectives	Group Presentation	Group Presentation
Spelling/Letter-Sound Correlation	Webbing	Reading for Comprehension
	Reading/Following Written Directions	Reading/Following Written Directions
	Diagramming/Labeling	Diagramming/Labeling
	How-To Writing	
	Graphic Organizers	
UNIT 3 PLANT GROWTH & DEVELOPMENT	UNIT 3 LAND AND WATER	UNIT 3 ENVIRONMENTS
<u>MATH</u>	<u>MATH</u>	<u>MATH</u>
Comparing and Contrasting	Comparing and Contrasting	Comparing and Contrasting
Measurement	Measurement	Measurement
Data Collection/Analysis	Data Collection/Analysis	Data Collection/Analysis
Predicting	Predicting	Predicting
Problem Solving	Problem Solving	Problem Solving
Graphing	Drawing to Scale	Graphing
Sequencing		Measuring Temperature
Interpreting Data		Interpreting Data
<u>ELA</u>	<u>ELA</u>	<u>ELA</u>
Journaling	Journaling	Journaling
Vocabulary	Vocabulary	Vocabulary
Reading/Discussing non-fiction text	Reading/Discussing non-fiction text	Reading/Discussing non-fiction text
Graphic Organizers	Graphic Organizers	Graphic Organizers
Diagramming	Diagramming	Diagramming
Labeling	Labeling	Labeling
Reading/Following Written Directions	Reading/Following Written Directions	Reading/Following Written Directions
	Poetry	Writing a Plan
	Speaking/Listening: Group Sharing	Speaking/Listening: Group Sharing
	Reading and Answering Questions	Reading and Answering Questions
	Map Reading	Chart Reading
		Writing a Report
		Writing a Letter