

Science-Math-ELA Connections Grade 6

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UNIT 1 RESOURCES AND CONSERVATION

MATH

Use of calculator

Data Collection

Analyzing/Interpreting Data

Predicting

Metric Measurement: length

Number Sense/ instrumentation

ELA

Communicate results

Evidence from text

Text dependent reading

Writing: lab reports

Reading: articles for guided reading

Academic vocabulary

Reading/Discussing non-fiction text

Creating Profile Charts

Create/Present Oral Report

Notebooking as part of the procedure

UNIT 2 RESEARCHING THE SUN, EARTH, AND MOON

MATH

Scale

Diameter

Equation

Measuring distance, length, height

Ratio and proportions

Modeling with math

Recording data

Measuring angles

graphing

Time concepts

Analyzing charts and graphs

Reading exponents

ELA

Notebooking

Academic Vocabulary
Reading/Discussing non-fiction text
Reading and discussing Folklore
Text dependent questions
Research- bibliography, oral presentations
Descriptive writing
Draw and label diagrams
Social Studies
Longitude and latitude
Seasons
Directions on Earth
Hemispheres
Cultural folklore
International involvement in space program
Timelines
UNIT 3 CHEMICAL INTERACTIONS
MATH
Comparing and Contrasting
Measuring mass, weight, length and volume with metric units
Data Collection/Analysis
Predicting
Problem Solving
Graphing
Percentages
Interpreting Data
ELA
Notebooking
Academic Vocabulary
Reading/Discussing non-fiction text
Text dependent questions
Diagramming
Labeling
Reading/Following Written Directions
Reading labels
Research using books and the Internet