Ideas on how to use the resources from Curriculum Material Center at Hale
Student Textbooks

Also available online
Planning guide: Lists ancillary materials
Reading Strategies and Comprehension Techniques.
Questions for assessment and formatives.
Specialized Textbooks that cover only one concept instead of a comprehensive text.
Where in the text certain HOTS are emphasized.
# Pacing Guides & Materials Lists

## Inquiry

The Prentice Hall Science Explorer program provides comprehensive instruction on teaching, practice, and assessment of science skills, with an emphasis on the process skills necessary for inquiry. The chart lists the skills covered in the program and cites the page numbers where each skill is covered.

### Basic Process SKILLS

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### Master Materials List

- **Nonconsumable Materials**
  - Descriptions include:
    - Aquarium, Plastic Modules (NC)
    - Ball, Plastic, 2 in (NC)
    - Bell, Table Top (NC)
    - Bell, Small (NC)
    - Bottle, Plastic, 1 in (NC)
    - Bottle, Small Plastic, 10 oz (NC)
    - Buckets, Large (NC)
    - Can, Watering, w/ Sprinkler Head (NC)
  - Quantities per class include:
    - 3-4 (K), 2-3 (L)
    - 3-4 (K), 1-2 (L)
    - 1-2 (K), 1-2 (L)
    - 1-2 (K), 1-2 (L)
    - 1-2 (K), 1-2 (L)
    - 1-2 (K), 1-2 (L)

- **Consumable Materials (CO)**
  - Descriptions include:
    - 3-4 (K), 1-2 (L)
    - 3-4 (K), 1-2 (L)
    - 3-4 (K), 1-2 (L)
    - 3-4 (K), 1-2 (L)

- **Textbook Sections**
  - Includes sections like 1, 2, 3, etc.
  - Items designated “NC” are in the Consumable Kit, “CO” are in the Nonconsumable Kit.
Main Ideas

How to Take notes

Guiding Questions

Lesson objectives.
Specific Math content on one topic:
Models, estimation, patterns, probability
Understanding Data is a priority of our schools.
Interpretation of Data in ALL content

STATISTICS
SKATE OR SWING?
LET THE DATA SPEAK

By Chris Gustafson

NCTM 1, Data Analysis

Cast of Characters
Narrator 1
Narrator 2
Mr. Lee: Pushes folks to do their best
Aisha: Bored
Jerome: Aspiring class clown
Pedro: Organized

Vocabulary Words
agenda, Plan or schedule, often for a meeting
data, Objective information
graph, A diagram representing mathematical relationships
investigate, To explore, look into
lopsided, A bit lopsided, off center
pathetic, Sad, woeful, worthy of pity
PowerPoint, A computer program that produces slides
sample group, A small group that shares the same makeup as a larger group
scanned, Converted from graphic or text to a computer file
slumped, Bent over
superficial, On the surface, not important

Settling in: Reader’s Theatre Across the Curriculum
MATERIALS FOR PART 3
SUN ANGLE AND SOLAR HEATING

FOR EACH GROUP:
- Weather and Water Lab Notes
- Lab Notebook, p. 13

FOR THE CLASS:
- Convection-buoyant cover
- Flashlights
- Melting sticks
- Pieces of paper
- Some rubber bands or a roll of masking tape
- Globe (at least 12"), on stand
- Overhead projectors
- Transparency no. 5 called Solar Angle
- Transparency no. 6 called Solar Angle on Earth
- Transparency no. 7 called Sunlight on Earth's Surface

FOR ASSESSMENT:
- Assessment Chart for Investigations 3 and 4
- Notebook paper
- Quick write (from Part 1)
- Response sheet (from Part 2)
- Mid-summative Exam 3

Radiant energy moves through space. It reaches us in the form of visible light, heat, and ultraviolet and infrared rays. The sun and other stars emit radiant energy. The earth's atmosphere acts like a window, allowing some of the sun's energy to pass through it, while reflecting some of it back into space. The remaining 30% is absorbed by the water, land, and other surfaces. The land and water then re-emit this energy as heat, which is then absorbed by the atmosphere.
History Alive and other textbooks that would support what is being used here
Mathematics

The STEM Project

BOOK 2

Exploration 1: Modeling Sequences

Graphing Sequences

Another way to explore a sequence is to set up a table of values and graph the values in a coordinate plane.
Match your content to resources from Food Science, FACS, Ag and Health
Worksheet 1

Origami Pyramid

Directions:
1. Fold the paper in half along the middle crease.
2. Fold the paper in half along the diagonal crease.
3. Fold the paper in half along the other diagonal crease.
4. Unfold the paper and crease the bottom half.
5. Fold the bottom half up to form a triangle.
6. Fold the top point down to meet the bottom edge.
7. Fold the sides up to meet each other.
8. Fold the top point down to the middle crease.

Foods
- Fruits
- Vegetables
- Dairy
- Grains (especially whole grains)
- Meat, fish, and beans
Cooperative Learning is used in all of the Middle Schools in the KSU Professional Development School Partnership.
Group and Team Building
Multiple content specific books on Reserve at Hale

More Cooperative Books in the CRC
Use content textbooks from other disciplines to find materials for your classes....ART
Multicultural activities and Art Projects

3-2 SILK PAINTING, Thailand

Key Words
- Silk painting
- Thailand
- South East Asia
- Watercolor method
- Outlining method
- Fixing with
  - Silk mordant
  - Color fixative
- Chromatic and chromo-lesser colors
- Analogous colors
- Monochromatic
- Warm-cool
- Cool-cool
- Neutral tone

Plate 7. Silk scarf, Thailand. From a private collection. Detail. The liquid resist is applied to the silk. After the resist is dry, silk dyes are brushed on the fabric. Where the outline is drawn, the fabric does not absorb the dye. Using a resist to create silk paintings allows the artist to control the spread of dyes. Although flowers are perhaps the most common subject used in creating silk paintings, other ideas, such as seascapes and landscapes, can be developed as well.
READERS THEATER

ACTING OUT

Reader’s Theatre Across the Curriculum

CHRIS GUSTAFSON

CONTENTS:

THE NATION GROWS

Frederic – Jerzy’s Corner

Carol Rysie – Caddie Woodlawn

John – Susanna of the Alamo: A True Story

Meer – Meridel – Little Brother of the Wilderness: The Story of Johnny

Appleseed

Anne, Anne – First Farm in the Valley: Anne’s Story

Brinton – Rachel and Obediah

Elizabeth – Amos Fortune: Free Man

A DIVIDED NATION

Polly, Patricia – Charley Skedaddle

Patricia – Turn Homeward, Hannalei

Janet – Zora Blue

Irene – Across Five April

Harold – Rifles for Watie

Janet – The Root Cellar

Jo, F. N. – The Drinking Gourd

Amelia, Ann – Nellie’s Trip South

SETTLING THE WEST

Barbara – Wagon Wheels

Clyde Robert – Riding the Pony Express

Marguerite – San Domingo: The Medicine Hat Stallion

Wells, William H. – Pioneer Cat

olarity, Laurie – Addie across the Prairie

Lowery, Joan Lowery – Caught in the Act

Nixon, Joan Lowery – A Family Apart

Nixon, Joan Lowery – In the Face of Danger

O’Dell, Scott – Zia

Stevens, Carla – Trouble for Lucy

Tabo, Charlene Joy – An Orphan for Nebraska
MODERN
LANGUAGE
TEXTBOOKS
MUSIC
Matching the content to the Music
Dictionaries of Cultural Literacy

The New Dictionary of Cultural Literacy

What Every American Needs to Know

E. D. Hirsch, Jr.
Joseph F. Kett, and James Trefil
Movies by subject or theme.
Brain Based Strategies

Marcia L. Tate
Worksheets
Don't Grow Dendrites
20 Instructional Strategies That Engage The Brain
Think-Alouds (Self-Talks)

Metaphor exercises incorporating think-alouds and self-talks show ELL students that everyone engages in mental gymnastics when trying out new terminology. As with most teaching practices, we have to take the time to make the implicit explicit. We might ask students these questions:

- What does it mean to triangulate something?
- If our thinking is parallel to someone else’s thinking, what do we mean?
- The character said that life was like a carnival Tilt-A-Whirl. What did she mean by that?
- Kira just said she was going to be toast tonight with these grades. Is this good or bad for her?

After we ask students clarifying questions, we describe our thinking out loud. This gives students a chance to pause and visualize a metaphor as they watch and listen. Using an example from the previous list, one teacher’s self-talk might sound like this:

Hmm, life is like a carnival Tilt-A-Whirl. How can life be like a carnival Tilt-A-Whirl? I know what a carnival is—lots of people going on rides, playing games, eating different foods, loud noises, lights, colors. I remember going to a carnival with my mother and her sister.

I guess life can be like a carnival in that it’s colorful, busy, and people play games with each other. But what’s a Tilt-A-Whirl? I know it
Book of Lists available on all different topics, from ELL to lists for reluctant readers, or books that match a certain genre.
Authors purpose and asking critical questions.
Use lots of pictures and graphics instead of words on your presentation.
Annenberg Teacher Resources

Social Sciences

- social sciences news
- interactives
- lesson plans
- social sciences all

Political Science

Available Programs:
- Democracy in America
- Electoral Politics
- Federal Deficits
- Judicial elections
- Public Trust, Private Interests
- State government lesson
- The Constitution

Video Spotlight

Activity One: Groups Finalize Research Findings

Electoral Politics
12th-grade students at University High School in New Jersey divide into small groups to brainstorm and research community issues, prioritize the issues on the basis of what they have learned, present their findings to the class both orally and through a visual presentation, and develop a whole-class consensus on a youth agenda that they present to the mayoral candidates in a televised question-and-answer forum.

http://www.learner.org/about/news_updates/october12.html
EDSEC 405 Middle Level Education (Search this guide)This guide focuses on resources and information for the middle level teacher. Tabs include tips for finding books on classroom management and assessment, lesson plan ideas, and suggested library databases.

Pages containing your search term::

• Home

by Ashley Stark  |  Last Updated Sep 28, 2012  |  Tags: edsec, education, k-12, k-state manhattan, middle school