

Name

Michael Plasmeier

Period

8

This Week in Science
Ms. D'Andrea - Grade 8

Monday, 1/3/05

1. Review Video Worksheet: The Atom
2. Chapter 5: A Case for Particles
 - a. ScienceLog Questions 1-3, page 87. Discuss.
 - b. ScienceLog "Going Further" Question (Overhead). Discuss.

Homework: Making Observations/Inferences

Make three observations at home and state what you infer from these observations. Complete in ScienceLog. Due: 1/7/05

Tuesday, 1/4/05

Alphabet Book: Dynamic Planet - In class work day

Homework: Work on Alphabet Book at home.

Wednesday, 1/6/05

Alphabet Book: Dynamic Planet - In class work day

Homework: Work on Alphabet Book at home.

Thursday, 1/7/05

Chapter 5: A Case for Particles

1. Review Monday night's homework.
2. Chapter 5 - Lesson 1: Building the Case
 - a. Read/Discuss page 88.
 - b. Notes
 - c. Distribute Laboratory Packet: Exploration 1 - Making the Case and Review.

Homework: Review today's Laboratory Packet at home.

Friday, 1/8/05

Exploration 1 - Making the Case

- a. Assigned Laboratory Groups will complete Laboratory Packet for **Making the Case** and submit for a grade

Homework: Work on Alphabet Book: Dynamic Planet at home. (Due Date: 1/14/05)

Happy New Year ☺

Name

Michael Plasmeier

Period

3

This Week in Science
Ms. D'Andrea - Grade 8

Monday, 12/20/04

Question/Answer Session: Final Assessment Review Sheet (Dynamic Planet)
Homework: Prepare for Wednesday's Final Assessment on Dynamic Planet

Tuesday, 12/21/04

Second Quarter Science Project.

- a. Review direction packet.
- b. Discuss project.
- c. Choose partner/s (if choosing to do so)

Extra Time?? - Current Events - Entry #7.

Homework: Prepare for Wednesday's Final Assessment on Dynamic Planet

Wednesday, 12/22/04

Final Assessment on Dynamic Planet (40 mins.)

Homework: ~~Bring Dynamic Planet text to class tomorrow, to return to teacher.~~

Thursday, 12/23/04

~~Collect Dynamic Planet Textbook from each student.~~

Video Presentation: Bill Nye the Science Guy - The Atom

Homework: None Assigned

Have an enjoyable Winter Recess
Happy New Year ☺

Classes resumes on 1/3/05

Name _____ Period _____

This Week in Science - 8
Ms. D'Andrea

Monday, 12/13/04

Wrap up - Investigation 6: The Earth's Moving Continents

- a. Student volunteer presentations on Investigation 6
- b. Overhead/Handout: Pangea
- c. Investigation 6 Quiz (periods 5 and 7 only)
- d. Final Notes on Investigation 6.

Homework: Enter any new connections that you have found on the Earth System Connection Sheet (bubble sheet)

Tuesday, 12/14/04

Investigation 6: Earth's Moving Continents - Internet Research

Homework: None Assigned

Wednesday, 12/15/04

Current Events - Entries 5 and 6

Homework: Begin preparing for Final Assessment: Dynamic Planet to be given on 12/20/04. Pick up Final Assessment Review Sheet at end of class. Bring a book of your choice to class tomorrow for SSR.

Thursday, 12/16/04

Progress Report Day

Gisting Assignment 2 (Reading for Science Literacy)

- a. Students will read a science article on evidence, patterns and investigation and complete a Gisting Packet. Submit at end of class. Use extra time for SSR.

Homework: Continue studying for Final Assessment: Dynamic Planet, to be given on 12/20.

Friday, 12/17/04

Open Question/Answer Session in review for Monday's Assessment on Dynamic Planet.

Extra Time: Sharing of Earth System Connection Sheet (Extra Credit)

Homework: Same as Thursday evening.

Name Michael Plasmeia Period _____

This Week in Science
Ms. D'Andrea

Monday, December 6, 2004

Preview Investigation #6: Earth's Moving Continents

- Read* — a. Background Information.
b. Procedures, 1-8, textbook pages 51-55.

Homework: None Assigned

Tuesday, December 7, 2004

Investigation #6: Earth's Moving Continents

- a. Students will follow procedures 1-7, textbook pages 51-55, recording all data in science binder.

Homework: Read Digging Deeper: Supercontinents, textbook pages 56-59.

Wednesday, December 8, 2004

Investigation #6: Earth's Moving Continents

- a. Students will finish procedures 1-7, textbook pages 51-55, recording all data in science binder.
b. Student volunteers will present their data to the class. (procedure 8, page 55)

Homework: Digging Deeper Questions, 1-4, page 56. Write each question and answer in your Science Binder.

Thursday, December 9, 2004

DVD Presentation: The Rock Cycle

Group White Boarding – The Rock Cycle

Homework: None Assigned

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Quiz Tmo

Friday, December 10, 2004

Quiz on Investigation #6.

Group Presentations: The Rock Cycle

Homework: Review and Reflect, page 60, 2 and 3 ONLY.

Reminder: Progress Reports 12/16

Name Michael Plasner Period 3

This Week in Science
Ms. D'Andrea - Grade 8
Periods 3 and 7

Monday, 11/29/04

Investigation 5: Earthquakes, Volcanoes, and Mountains

- a. Procedure #8, textbook page 45: Website Research.

Students will investigate one earthquake or one volcano and report briefly on their work in a class discussion on Friday of this week.

Homework: Fill in Earth Systems Connection Sheet (bubble sheet) for Investigation #5.

Tuesday, 11/30/04

Current events - Entries 3 and 4

Homework: Page 50, Review Questions 2 and 3 (question and answer)

Wednesday, 12/1/04

Investigation #5: Earthquakes, Volcanoes, and Mountains

- a. Group Presentations (map + answers to questions from procedures 5 and 7)
b. Digging Deeper - read textbook pages 46-49 and complete page 46, As You Read...Think About: 1-6. (questions and answers in science binder)

Homework: Finish Digging Deeper Assignment

Study for Friday's Quiz on Investigation #5

Thursday, 12/2/04

Gray Wolves Field Trip - "Just Ask Ben" - King of Prussia IMAX Theater

Science Lesson - TBA

Homework: None Assigned

Friday, 12/3/04

~~Quiz - Investigation #5: Earthquakes, Volcanoes, and Mountains~~

Sharing of Website Research from Monday's lesson.

Science Sampler - Designing an Experiment

- a. Students will read the science sampler and discuss.
b. Groups will be assigned to conduct an experiment on insulation, for which a laboratory report will be written.

Homework: None Assigned

Name Michael Plasmeier

Period 3

This Week in Science
Ms. D'Andrea - Grade 8
AMERICAN EDUCATION WEEK

Monday, 11/15/04

Periods 1, 4, and 5: Complete Worksheet #43: Earthquake Power!, at the board. Submit for a grade.

Periods 3 and 7: Finalize Group Script: Earthquakes and Volcanoes

All Classes: Hand in weekend homework assignment: Page 35, As You Read...1-4 Questions/Answers.

Homework: Prepare for Notebook Quiz on Friday, 11/19.

Tuesday, 11/16/04

Investigation 5: Earthquakes, Volcanoes, and Mountains

- New Groups/Seats
- Cover Sheet
- Background Information
- Key Question, page 41
- Procedure 1 ONLY, textbook pages 41-42. Record all data in Science Binder.

Homework: Bring a pack of colored pencils to tomorrow's class and Thursday's class.

Wednesday, 11/17/04

PARENT VISITATION DAY

Investigation 5: Earthquakes, Volcanoes, and Mountains

a. Student Groups will complete procedures 2 - 4, textbook pages 42-43. Record all data in Science Binder.

b. Handouts: World Map

Seismograph Station Results for Five Days

Table 1: Global Volcanic Activity Over One-Month Period

Homework: Finish today's classwork.

Thursday, 11/18/04

Investigation 5: Earthquakes, Volcanoes, and Mountains

a. Student Groups will complete procedures 5 - 7, textbook pages 43 - 45. Record all data in Science Binder.

b. Handout: Major World Mountain Chains

Homework: Study for Notebook Quiz tomorrow. Finish today's classwork by 11/22.

Friday, 11/19/04

Notebook Quiz

Periods 1,4, and5: Current Events

Periods 3 and 7: Group Presentations - Earthquakes and Volcanoes

Homework: Finish yesterday's classwork, procedures 5-7, textbook pages 43-45 in Science Binder.

Name Michael Plasner

Period _____

This Week in Science
Ms. D'Andrea - Grade 8

Monday, 11/8/04

Second Quarter Syllabus

Investigation 4: The Movement of the Earth's Lithospheric Plates

a. Orally review procedures 1-5 for Investigation 4, found on pages 30 - 32 of textbook.

Homework: Get Parent Signature on Second Quarter Syllabus

Tuesday, 11/9/04

Investigation 4: The Movement of the Earth's Lithospheric Plates

a. Groups will complete procedures 2-5, Investigation 4, found on pages 30 -32 of textbook.

Homework: Review today's data collection

Wednesday, 11/10/04

Investigation 4: The Movement of the Earth's Lithospheric Plates

a. Groups will complete procedures 6-7, Investigation 4, found on pages 32-33

Homework: Review today's data collection

Reminder: Report Cards Tomorrow

Present Data

Thursday, 11/11/04

Report Cards Today

Video Presentation: Search for Solutions

1. Episode 1 - Understanding Science
2. Episode 2 - Creativity, Serendipity & Aha!
3. Episode 3 - Science & Technology

Homework: Digging Deeper: The Earth's Lithosphere, page 35, As You Read..., 1-4. Write question and answer in your science binder. This assignment is due on Monday, 11/15/04.

Friday, 11/12/04

Current Events

Homework: See Thursday night, 11/11/04.

Earth Quakes + Volcanoes

Name Michael Plasencia Period _____

This Week in Science - Ms. D'Andrea - Grade 8

Monday, 11/1/04

Review Investigation 3: Forces that Cause Earth Movements

- a. Recap procedures 1-5, textbook pages 23-24.
- b. Handouts
 1. Convection Cells (Procedures 6 and 7, page 24, on back)
 2. Convection in the Mantle

Homework: Study for Friday's Quiz on Investigation 3: Forces that Cause Earth Movements.

Period 4: Bring Composition Book for Current Events to class on Wednesday.

Tuesday, 11/2/04

Teacher Professional Education Day – NO REGULAR CLASSES

Wednesday, 11/3/04

Current Events – Sharing Day – Periods 1,3,5,7

Those students who wish to share, may read summaries from their current events journal and receive extra credit points for the First Quarter Marking Period. ☺

Current Events - Entry #1 - Period 4

Homework: Study for Friday's Quiz on Investigation 3: Forces That Cause Earth Movements.

Thursday, 11/4/04

END OF FIRST QUARTER

1. Read Digging Deeper, textbook pages 25 - 28.
 - a. Complete page 25 questions 1-5.
2. Review and Reflect, textbook page 28.
 - a. Complete questions 1- 8 ONLY.

Homework: Study for Friday's Quiz on Investigation 3: Forces That Cause Earth Movements.

Friday, 11/5/04

Quiz on Investigation 3: Forces That Cause Earth Movements.

Investigation 4: The Movement of the Earth's Lithospheric Plates

- a. New Groups/Cover Sheet
- b. Background Information
- c. Key Question - page 30
- d. Part A: Modeling Plate Convergence, #1 Only, pages 30 - 31.

Homework: Review Today's Lesson

Name Michael Plasmpier Period _____

This Week in Science

Ms. D'Andrea – Grade 8

Monday, 10/25/04

Place Weekend Homework in Basket Marked "Homework 10/25".

Investigation 3: Forces That Cause Earth Movements

- Cover Sheet/New Groups
- Background Information
- Key Question
- Preview Investigation 3 Procedures, 1-4 ONLY, textbook pages 22-23.

Homework: Review today's lesson.

Period 4 Reminder: Bring Composition Book to class on Thursday.

Tuesday, 10/26/04

Investigation 3: Forces That Cause Earth Movements

- Groups will follow procedures 1-4 on textbook pages 22-23 and record all data in their Science Binder.

Homework: None Assigned.

Period 4 Reminder: Bring Composition Book to class on Thursday.

Wednesday, 10/27/04

Investigation 3: Forces That Cause Earth Movements

- Teacher Demonstration – Procedure 5, textbook pages 23-24.
- Notes
- Class Discussion – Procedure 6, textbook page 24.

Homework: Complete page 24, #7 on back of Handout: Convection Cells.

Period 4 Reminder: Bring Composition Book to class on Thursday.

Thursday, 10/28/04

Spot check Wednesday Night's Homework – all classes

Current Events – Sharing Day – Periods 1,3,5,7

Those students who wish to share, may read summaries from their current events journal and receive extra credit points for the First Quarter Marking Period. ☺

Current Events – Entry #1 – Period 4

SPECIAL ANNOUNCEMENT:

Periods 1,3,4 – Students whose science binders **WERE NOT** previously graded, must leave them in the box marked, "Science Binders" for grading today **ONLY!**

Homework: Study for Monday's Quiz on Investigation 3: Forces That Cause Earth Movements

Friday, 10/29/04

Field Trip – City of Philadelphia – Historic Tour ☺

NO REGULAR CLASSES

Homework: Same as Thursday evening.

Name _____ Period _____
This Week in Science
Ms. D'Andrea - Grade 8

Monday, 10/18/04

Video Presentation: Volcano

- a. Write a summary of what you saw in your Science Binder, in 10-15 statements

Homework: Study for quiz on Investigation 2, Part C: Modeling Wave Refraction.

Tuesday, 10/19/04

- a. Quiz: Investigation 2, Part C: Modeling Wave Refraction
- b. Student sharing of summaries from yesterday's video presentation: Volcano
- c. Read through procedures 1-4, textbook pages 15-16, Investigation 2, Part D: Refraction of Earthquake Waves in the Earth

Homework: Parent Signatures on First Quarter Science Quizzes (due 10/22)

Wednesday, 10/20/04

Investigation 2, Part D: Refraction of Earthquake Waves in the Earth

- a. Cover Sheet
- b. Background Information
- c. Groups will follow procedures 1-4, textbook pages 15-16, and complete a larger version of the diagram shown on page 15 of text

Homework: Review Investigation 2, Part D: Refraction of Earthquake Waves in the Earth

²¹
Thursday, 10/21/04

Science Convention

- a. Each group will present data from Investigation 2, Part D: Refraction of Earthquake Waves in the Earth.
- b. Typical results on Overhead for checking.
- c. Science Binder Handouts:
 1. Seismic Wave Refraction and the Earth's Interior Structure
 2. P wave Shadow Zone
 3. Earth's Interior Structure

Homework: Fill in bubble sheet (Earth Systems Connection Sheet) for Investigation 2, Part D.

²²
Friday, 10/22/04

Current Events

- a. Periods 1,3, and 7: Entries 7 and 8 (Articles will be available in class)
- b. Period 4: Entry #1.
- c. Period 5: No Class (Assembly - Brandon Hansen)

Homework: Digging Deeper 4-7 ONLY, page 16. Write question and answer in Science Binder.

Name Michael Plasmeier Date _____

This Week in Science
Ms. D'Andrea - Grade 8

Monday, 10/11/04

New Seats/Groups

Quiz - Gisting Article: Earth

Introduce Investigation 2, Part C: Refraction of Waves

- a. Background Information (highlight)
- b. Review Procedures (rehearse)

Homework: Complete Bubble Sheet: Earth System for Investigation 2, Part B: Kinds of Seismic Waves

Tuesday, 10/12/04

Investigation 2, Part C: Refraction of Waves

- a. Cover Sheet
- b. Groups will follow procedures 1-8, textbook pages 12-14. Record all data in Science Binder.

Homework: None Assigned

Wednesday, 10/13/04

Investigation 2, Part C: Refraction of Waves

- a. Science Convention
Discuss data from Tuesday's laboratory work/make corrections
- b. Procedures 11 - 12, textbook page 14. (Teacher Demo) Record data and discuss.
- c. Notes

Homework: Study for quiz on Monday, Investigation 2, Part C: Refraction of Waves
Complete Bubble Sheet for Investigation 2: Part C: Refraction of Waves

Thursday, 10/14/04

Signed Progress Reports (pink copy) due

Group Work: Digging Deeper, textbook pages 16 - 20, questions 1-7.

Homework: None Assigned

Friday, 10/15/04

Pep Rally Day (shortened class)

Current Events

- a. Periods 1,3,5, and 7: Entry #5 (Articles will be available in class)
- b. Period 4: Science World/Summary Sheets

Homework: Study for quiz on Monday, Investigation 2, Part C: Refraction of Waves

Name Michael Plasacieri Date _____

This Week in Science
Ms. D'Andrea - Grade 8

Monday, 10/4/04

Quiz - Investigation 2, Part A.
Finish Video Presentation: Cyclone

- a. Collect Fact Sheet

Homework: Read Background Information - Investigation 2, Part B: Kinds of Seismic Waves

Tuesday, 10/5/04

Investigation 2, Part B: Kinds of Seismic Waves

- a. Cover Sheet
- b. Background Information
- c. Procedures 1 - 3 ONLY, textbook pages 11-12. Record all data in Science Binder.

Homework: None Assigned

Wednesday, 10/6/04

Investigation 2, Part B: Kinds of Seismic Waves

- a. Procedure 4, textbook page 12. Done as teacher demonstration.
- b. Notes

Homework: Review Investigation 2, Part B: Kinds of Seismic Waves

Reminder: Progress Reports tomorrow

Thursday, 10/7/04

Progress Report Day

Reading Day: The Earth

- a. Read the article, "The Earth."
- b. Complete "Gisting" Sheet and place both the article and the Gisting Sheet in your Science Binder.

Homework: Study for Quiz on Monday 10/11, on Reading Day Article, "The Earth."

Friday, 10/8/04

Current Events

- a. Periods 1,3,5, and 7: Entry #4 (Articles will be available in class)
- b. Period 4: Science World/Summary Sheets

Homework: See Thursday night

24

Name _____ Date _____

This Week in Science

Ms. D'Andrea

Monday, 9/27/04

Assign groups for Investigation 2, Part A

Investigation 2: The Interior of the Earth – Part A: What is the interior of the Earth Like?

- a. Cover Sheet – Investigation 2, Part A: What is the interior of the Earth Like?
- b. Background Information
- c. Key Question
- d. Get Started – Follow procedures 1-6 only. See textbook pages 8-10.

Homework: Organize Science Binder/Journal (graded on Wednesday, 9/29)

Clip current events article and bring to class on Thursday, 9/30 (not period 4)

Tuesday, 9/28/04

Finish Investigation 2, Part A: The Interior of the Earth

- a. Follow procedures 7- 11 only. Record this data on looseleaf. See textbook pages 10-11.

Homework: Complete Earth Systems Bubble Sheet, as it applies to Investigation 2: The

Interior of the Earth – Part A: What is the interior of the Earth like?

Bring Investigation 1 quiz home for parent signature and return tomorrow

Wednesday, 9/29/04

Prepare final data for Investigation 2, Part A: The Interior of the Earth

- a. Group Presentations
- b. Make data corrections if necessary

Homework: Study for quiz on Investigation 2: Part A: The Interior of the Earth on Monday,

10/4/04

Thursday, 9/30/04

Current Events - Periods 1,3,5,7 only

- a. Using the article you brought in, complete Current Events entry #3 in marble composition book. (if you are behind, complete entries 1 and 2, then 3.)

Science Binder/Journal Check

Quiz 1 checked for parent signature

Homework: None Assigned

Friday, 10/1/04

Video Presentation: Cyclone

Homework: Study for Quiz on Investigation 2, Part A, The Interior of the Earth, on Monday, 10/4/04

Name Michael Plasmeier Date 9/28
This Week in Science – Grade 8
Ms. D’Andrea – Room 116

Monday, 9/20/04

Introducing Our Dynamic Planet
Why Is Our Dynamic Planet Important?
a. Notes

Investigation 1: Gathering Evidence and Modeling
a. Key Question
b. Background Information

Homework: Study for Quiz , Friday, 9/24 on Investigation 1

Tuesday, 9/21/04

Investigation 1: Gathering Evidence and Modeling
a. Investigation Data Sheet: What Are the Contents of the Mystery Bag? (group work)
b. Group presentations from data sheet
c. ~~Notes~~

Homework: Complete Earth Systems Sheet for Investigation 1

Wednesday, 9/22/04

BACK TO SCHOOL NIGHT (for parents at 7 pm)
Current Events
Video Presentation: Powers of Ten
Homework: None Assigned

Thursday, 9/23/04

Process Skills Day
a. Observation Laboratories (group work)
Homework: Study for Quiz tomorrow on Investigation 1

Friday, 9/24/04

Quiz on Investigation 1
Investigation 2: Observing Waves and Measuring Wave Speed
a. Key Question
b. Background Information
Homework: None Assigned

Name Michael Plasmeier Date _____
This Week in Science
Ms. D'Andrea – Room 116

Monday, 9/13/04
First Quarter Syllabus Review
Daily Supplies Check
Pre-assessment: Our Dynamic Planet
Science Binder (Journal): Table of Contents
Homework: Study for Friday's Quiz on Laboratory Safety (9/17)

Tuesday, 9/14/04
Student Binder (Journal)
a. Cover Sheet:: Our Dynamic Planet
b. Insert Pre-assessment: Our Dynamic Planet *P16*
Small Group Brainstorming Session/Sharing
a. What I know about planet Earth
a. What I would like to know about planet Earth?
Homework: Study for Friday's Quiz on Laboratory Safety (9/17)

Wednesday, 9/15/04
Introducing the Earth System
a. Earth System Connection Sheet
Introducing Inquiry Processes
a. Inquiry Process Sheet
*Homework: Bring Current Events Marble Composition Book w/instruction sheet signed and glued in back,
for next class.
*(all classes, except fourth period)

Thursday, 9/16/04
NO CLASSES – Enjoy your day off from school ☺

Friday, 9/17/04
Laboratory Safety Quiz *Boat Contest?*
*Current Events
*Period 4: No Current Events - Penny Boat Contest
Homework: None Assigned

Name Michael Plasmeier Period 3

This Week in Science

Ms. D'Andrea
Room 116

Wednesday, 9/8/04

Assigned Seating
Textbook Distribution
Daily Supplies
First Quarter Syllabus/Student Information Sheet
Student Inventory

Homework: Parent Signature on Syllabus – due 9/10 (Friday)

Supplies Mon.

3-ring binder - 1/2 - 1 in
folder w/ holes + pockets

paper
highlighter

calculator

math comp book

Thursday, 9/9/04

Laboratory Expectations
Laboratory Safety Rules/Contract
Laboratory Equipment

Homework: None Assigned

Friday, 9/10/04

Submit signed First Quarter Syllabus
Current Events – Periods 1,3,5,7
Designing Experiments/Scientific Method

Homework: None Assigned