

Good Evening!

1. Please come in and sit at one of the desks.
2. Handouts are available if you need anything.
3. Check out the textbooks while we wait to get started.

7th Grade Integrated Science

Mr. Groom

Conferences

- Working out how to handle
- Time Request Forms to come home

Midterms

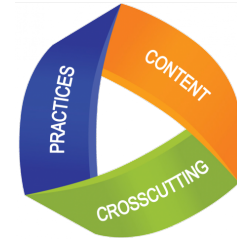
- September 25 deadline for teacher input
- Not much on there yet!

Curriculum

- 6th year of District Science Adoption
- SEPUP = Science Education for Public Understanding Program
- Issue-based and Inquiry Focus
- Textbook online, and . . .
 - on CD to check out
 - In Spanish
 - Can check out from school library
 - Can print from room computer
 - Can borrow book during recess/Homework Club

Do the 'Classic' Login

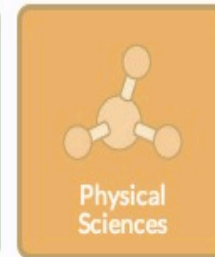
NGSS Standards



Science and Engineering Practices (SEP)

1. Asking Questions and Defining Problems
2. Developing and Using Models
3. Planning and Carrying Out Investigations
4. Analyzing and Interpreting Data
5. Using Mathematics and Computational Thinking
6. Constructing Explanations and Designing Solutions
7. Engaging in Argument from Evidence
8. Obtaining, Evaluating, and Communicating Information

Disciplinary Core Ideas (DCI)



1. Patterns
2. Cause and Effect: Mechanism and Prediction
3. Scale, Proportion, and Quantity
4. Systems and System Models
5. Energy and Matter: Flows, Cycles, and Conservation
6. Structure and Function
7. Stability and Change

Crosscutting Concepts (CC)

Integrated Curriculum

- **Erosion and Deposition**

- Where to build, constructive vs. destructive

- **Plate Tectonics**

- How the Earth works, earthquake awareness and preparation

- **Ecology**

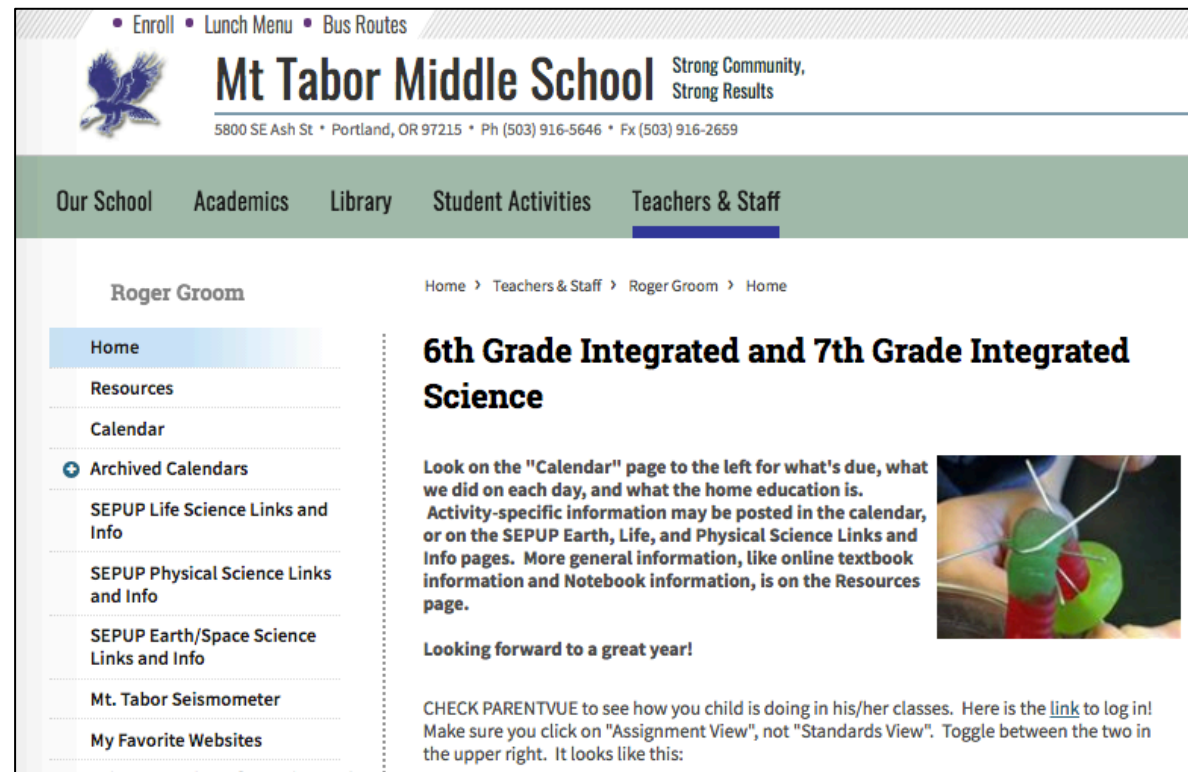
- Classification, ecological 'roles', energy flow, and ecosystem balance

- **Chemistry of Matter**

- Chemical/physical properties, density, elements, conservation of matter

Website – on Mt. Tabor's site

- Calendar!!
- Information
- Download documents
- Absentees

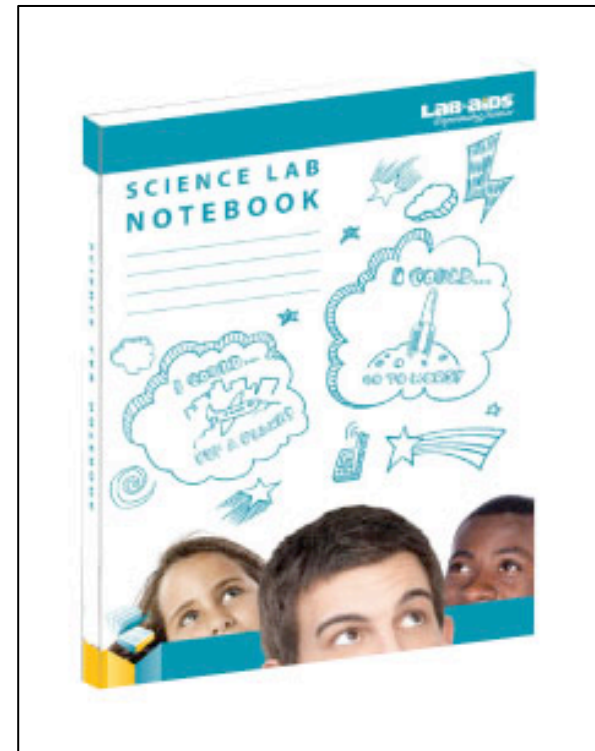


The screenshot shows the Mt. Tabor Middle School website. At the top, there are links for 'Enroll', 'Lunch Menu', and 'Bus Routes'. The school's logo and name 'Mt Tabor Middle School' are prominently displayed, along with the tagline 'Strong Community, Strong Results' and contact information: '5800 SE Ash St • Portland, OR 97215 • Ph (503) 916-5646 • Fx (503) 916-2659'. A navigation bar includes 'Our School', 'Academics', 'Library', 'Student Activities', and 'Teachers & Staff'. The 'Teachers & Staff' page for Roger Groom is shown, with a sidebar menu containing 'Home', 'Resources', 'Calendar', 'Archived Calendars', 'SEPUP Life Science Links and Info', 'SEPUP Physical Science Links and Info', 'SEPUP Earth/Space Science Links and Info', 'Mt. Tabor Seismometer', and 'My Favorite Websites'. The main content area features a breadcrumb trail 'Home > Teachers & Staff > Roger Groom > Home', a title '6th Grade Integrated and 7th Grade Integrated Science', and a paragraph of text: 'Look on the "Calendar" page to the left for what's due, what we did on each day, and what the home education is. Activity-specific information may be posted in the calendar, or on the SEPUP Earth, Life, and Physical Science Links and Info pages. More general information, like online textbook information and Notebook information, is on the Resources page.' Below this is a photo of a person's hands holding a colorful, multi-colored object. Further down, there is a heading 'Looking forward to a great year!' and a paragraph: 'CHECK PARENTVUE to see how you child is doing in his/her classes. Here is the [link](#) to log in! Make sure you click on "Assignment View", not "Standards View". Toggle between the two in the upper right. It looks like this:'

Can also do Google Search for Roger Groom Mt. Tabor

Curriculum - Requirements

- **Science Notebook**
 - Take everywhere!
 - Posted occasionally
- **No homework . . .**
- **Having fun**
- **Thinking – it's hard work**







Grading - Academic

- **Synergy** or **ParentVUE** online grade viewing
- Proficiency-based Assessment
- Student responsibility

Latework - NO effect

Score	Assignment	Final Grade
4	Above and beyond	HP = Highly Proficient
3	Complete and Correct	PR = Proficient
2	Incomplete or Partially correct	CP = Close to Proficient
1	Incorrect	DP = Developing Proficiency

Grading – Personal Management

In Class	Synergy	Description
	4	Exceeds expectations, all items completed, directions followed precisely, lots of effort shown to produce high quality work, turned in on time
	3	Proficient, meets all expectations, all or almost all items completed, solid effort, turned in on time, or great work that was turned in late
	2	Developing, meets some expectations, effort needs greater attention, some items not completed, or turned in late
	1	Does not meet expectations, very little to no effort put into an assignment, very little completed, or turned in very late

- **LATEWORK – Can be given partial credit**

Learning Targets

Learning Targets for Erosion and Deposition Unit

Activity 24: Where Shall We Build?

1. I can analyze how human activity changes natural landforms (SEP #4)
2. I can construct an argument about where to build supported by evidence and scientific reasoning (SEP#7)

Activity 25: Making Topographical Maps

1. I can define and describe topography and topographical maps (SEP #8)
2. I can create and interpret maps as models of landforms (SEP #2)

Activity 26: Boomtown's Topography

1. I can analyze differences in topographical maps over time to find similarities and differences (SEP #4)

Activity 27: Investigating Boomtown's Weather

1. I can create a graph, and find the mean, median and mode of rainfall data (SEP #5)
2. I can analyze rainfall data to determine trends, and predict how rainfall affects landforms (SEP #4)

Activity 28: Cutting Canyons and Building Deltas

1. I can observe the way water affects land and name the landforms it creates (SEP #2)

Behavior Expectations

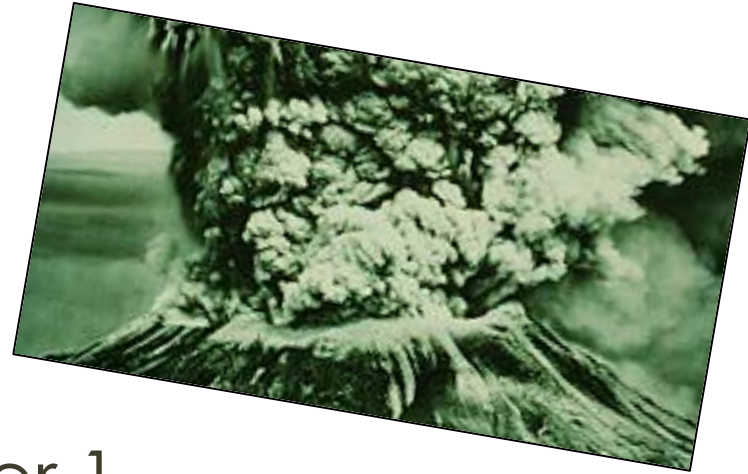
- **Be responsible** (on time, prepared)
- **Be respectful** (of yourself, peers, teacher, materials)
- **Be honest**
- **Be safe**
- **Be positive** (boredom is a choice)
- **Be your best**

- **Guest teacher expectations**

All centered on maximizing student engagement
and learning

Field Trips

- Mt. St. Helens
 - Monday, October 1
 - Need 2 chaperones!
- Columbia River Gorge (maybe)
- Walking field trips



Differentiation

- AVID Binders
- Reading strategies galore
- Multiple intelligences
- Quiz correction opportunities
- Modified quizzes
- Assignment revision
- Lots of examples
- Recess time (it's a choice, I know)
- Homework Club - SUN

Typical Day

- Directions on Overhead
- Handouts / Planners
- Assignment posting
- Activity depending on day / unit / topic
- Clean-up
- “I dismiss you, not the bell”

Contact

- School phone: 503 916 5646
- E-mail: rgroom@pps.net
- Make appointment, please!



Thank you for coming!

Any Questions?