

Good Evening!

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

6th Grade Integrated Science

Mr. Groom

Conferences

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

Midterms

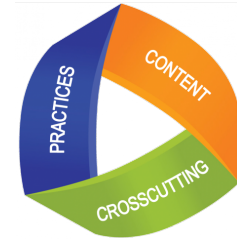
- September 25 deadline for teacher input
- Not much on there yet!

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
 - Download whole book
 - 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

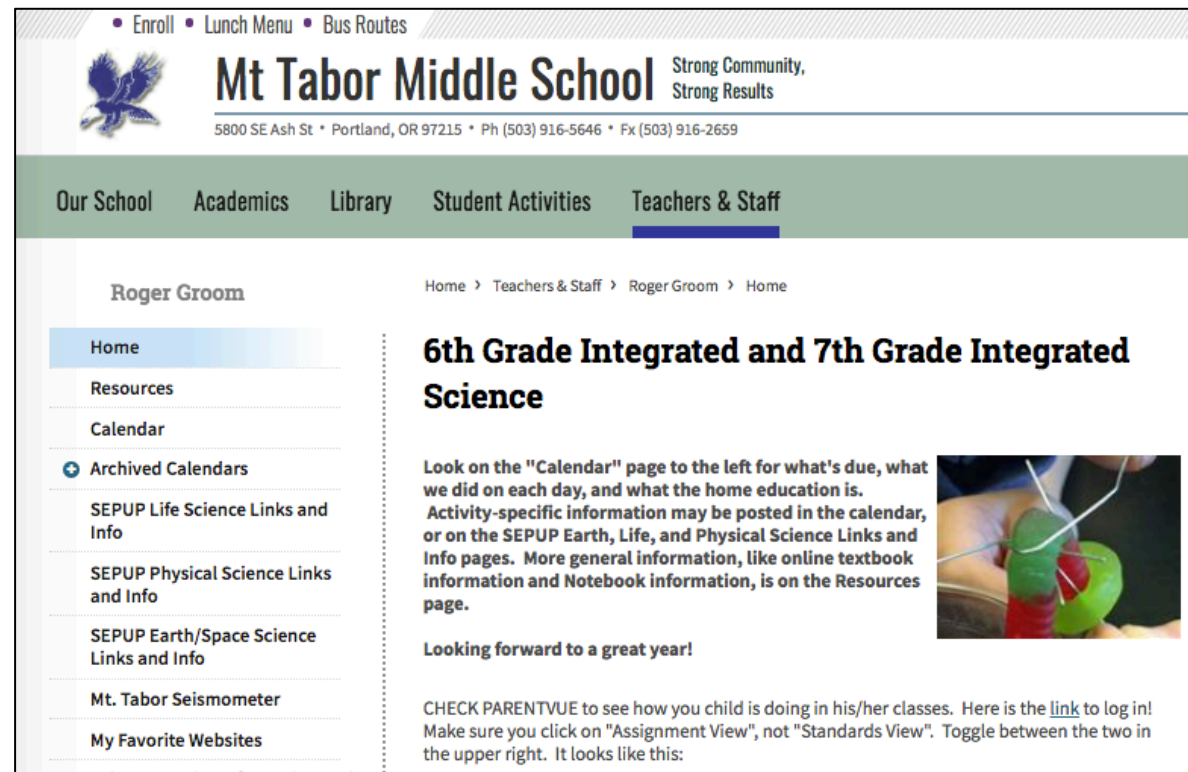
Crosscutting Concepts (CC)

Integrated Curriculum

- **Studying People Scientifically**
 - Skills, using evidence to make decisions
- **Cell Biology and Disease**
 - Cells and their discovery, use of antibiotics
- **Body Works (maybe)**
 - Good health, good decisions, body systems
- **Weather and Atmosphere**
 - Components that determine weather and climate
- **Energy**
 - Transfer and transformation, quantifying, and different types

Website – on Mt. Tabor's site

- Calendar!!
- Information
- Download documents
- Absentees

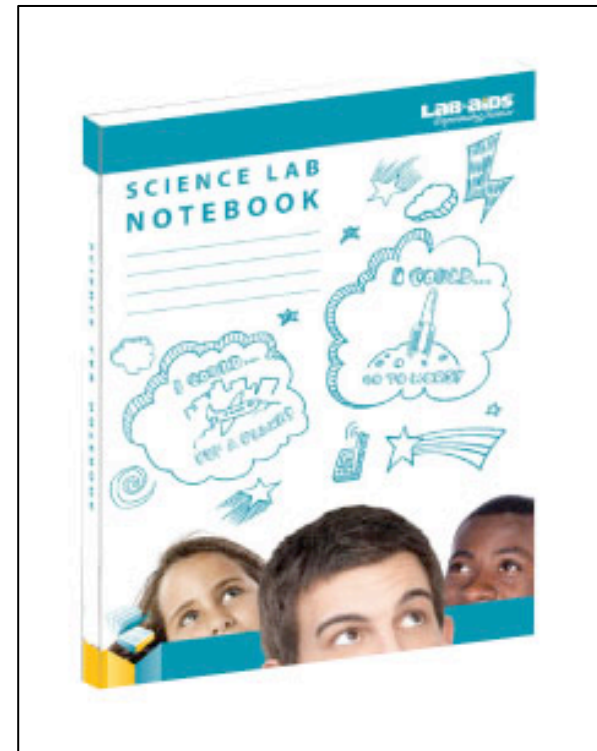


The screenshot shows the Mt. Tabor Middle School website. At the top, there are links for "Enroll", "Lunch Menu", and "Bus Routes". The school's name "Mt Tabor Middle School" is prominently displayed with the tagline "Strong Community, Strong Results" and contact information: "5800 SE Ash St • Portland, OR 97215 • Ph (503) 916-5646 • Fx (503) 916-2659". A navigation bar includes "Our School", "Academics", "Library", "Student Activities", and "Teachers & Staff". The page is for "Roger Groom" and features a sidebar with links to "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 is titled "6th Grade Integrated and 7th Grade Integrated Science" and includes a paragraph of text, a photo of a student working with a green and red object, and a "Looking forward to a great year!" message. At the bottom, there is a note about checking PARENTVUE for class information and a link to log in.

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 Unit A: Experimental Design- Studying People Scientifically

Activity 1: Solving Problems: Save Fred!

- SEP #1: I can work with partners to solve a problem.
- SEP #3: I can write a procedure for someone else to follow.

Activity 2: The Pellagra Story

- SEP #3 and CC #2: I can gather evidence to understand a problem and look for cause and effect relationships.
- SEP #4: I can explain that scientists use evidence to analyze and then solve a problem

Activity 4: Testing Medicines Scientifically

- Content: I can explain how medicines are tested through clinical trials, including what the 'placebo effect' is in relation to medicine testing.
- SEP #4 & 8: I can analyze data and can critically read scientific texts to obtain scientific information about how medicines are tested.

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

- Bonneville Dam (maybe)
- Reed College – nuclear reactor! (maybe)
- Outdoor School – in Spring
- 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?