



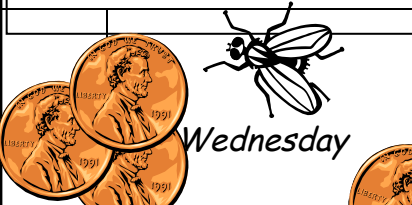

Pacific Tree Frog

# Scientific Inquiry

## Science 8 Calendar

August - September 2016

Mrs. Plyter [plyter.com/science](http://plyter.com/science)

Name	Period
	
Wednesday	Thursday

### Science 8 RULES!

✓ Check as you read. X ( ) as you agree.

#### 1. Ready.

- A. Be on time or have a hall pass.
- B. Have ALL of your materials ALL days.
  - 3-Ring Binder + ALL Science Papers.
  - Pencil and Colored Pencils
  - 5 Pennies
  - Ruler/Straight Edge

#### 2. Responsible.

- A. Check your Calendar and the Board.
- B. Keep & Organize ALL Science Papers.
- C. Use & care for your assigned computer.
- D. Ask if you need help.
- E. Help. (Help is NOT doing or gifting.)

#### 3. Respectful.

- A. Respect yourself and others.
- B. Respect the room and the equipment.
  - Follow directions.
  - No THROWING.
  - No inappropriate writing or speaking.

#### 4. Reliable. Keep Everything.

- A. Have assignments checked as you go.
- B. Use color when required.
- C. Have computer assignments checked while on the screen.
- D. Staple anything without points.

#### 5. Report. Report any problems!

#### 6. Or..... Reform.

- You do not need a WARNING!
- Removal from Activity and/or Room
- Name on Board = 15 + Detention Time
- Office Referral and/or Parent Contact

### Work..Enjoy..Science!!

Sign your name that you read & agree!

# 29



Welcome!  
Introductions  
&  
Organization

✓ Check as you Read.  
X X as you Complete.

- 1. Weekly Calendars
  - = Grade Points
  - = Textbook & Reference
- 2. ← Rules
- 3. Seat & Chromebook
  - Alphabetical Order
  - Number (#) \_\_\_\_\_
- 4. Google Classroom
- 5. QuizLab → Daily Quiz



# 30



Scientific Inquiry  
Pretest:

- 1. Use the Inquiry Scoring Guide in Google Classroom. (Ask if you need to print.)
- 2. Read Inquiry Notes → →
- 3. Complete ALL of the requirements described under the 4's. Oregon Meets = 4 points.
- 4. Number your work to match the task number on the scoring guide. (1 = Background Information.)

Problem:

Compare the cohesion of water molecules to the cohesion of molecules of other liquids.

20+ \_\_\_\_\_

# 31

Inquiry Notes:

- Some of these notes are appropriate for Background Information.
- 1. Inquiry must include measureable data. That means you form a question that can be answered using numbers.
- 2. Definitions:
  - Cohesion: the sticking together of particles of the same substance.
  - Adhesion: the sticking together of particles of different substances.
- 3. An acceptable measure of cohesion of liquids is the number of drops that will stay on a clean penny.



# 1

Calendars are DUE the Last Day of the Week. Place in your Class Folder before you leave class.

Objective:  
Inquiry Pretest:  
The students will demonstrate their ability to plan and carry out a scientific investigation by carrying out an investigation as they complete the "Inquiry Scoring Guide" template.

**Points:**  
**Rules:**  
**Organization:**  
**Inquiry**  
**Daily Quizzes:**  
Practice Tests → QuizLab  
Mon \_\_\_\_\_  
Tue \_\_\_\_\_  
Wed \_\_\_\_\_  
Thur \_\_\_\_\_  
**Total** \_\_\_\_\_

**Science 8 Grade:**  
90-100% A  
80-89% B  
70-79% C  
60-69% D

**Basic Science 8:**  
60% = (P) PASS  
Based on Modifications

**Advanced Science 8:**  
Extend: Look for extensions that are/or become available as you do assignments. Ask!!

Central Science Home Page: [www.plyter.com/science](http://www.plyter.com/science)

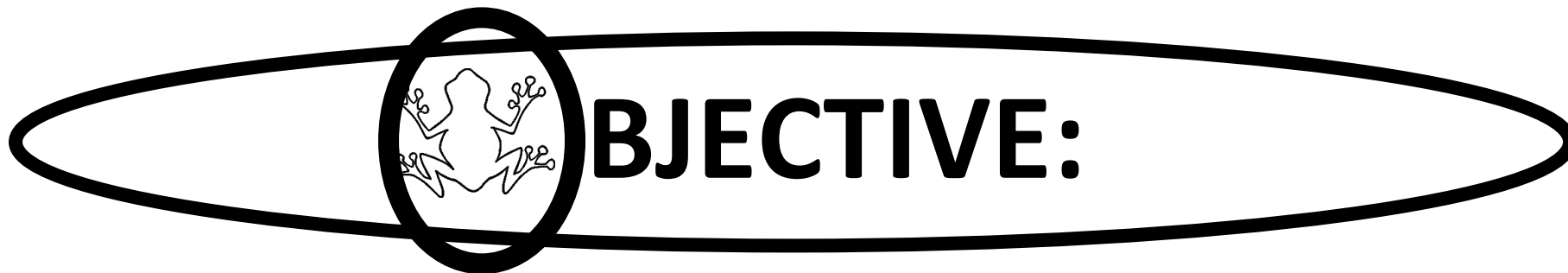
Calendar Email Assignments References Quizzes

Google Page → Google Classroom → Sign in. Type Class Code ↓

Periods: 1: y393qit; 2: a7xxgo2; 3: 07qmfy7; 5: wqgnwb; 6: xkyzhrq; 7: 7q6ci9

Practice Tests → QuizLab → Classword = plyter16 → Password = Your Student #





Write the Objective:

## **Inquiry Pretest:**

I will demonstrate my ability to

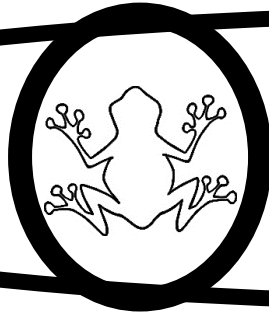
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by

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as I

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# **OBJECTIVE:**

## **Inquiry Pretest:**

The students will demonstrate their ability to plan and carry out a scientific investigation by carrying out an investigation as they complete the *“Inquiry Scoring Guide”* template.