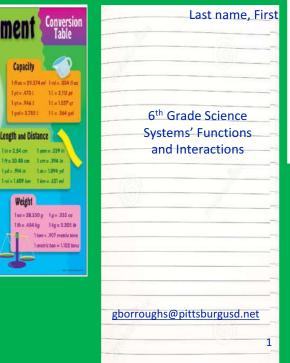
6th Grade Science Systems' Functions and Interactions

Notebook First Quarter



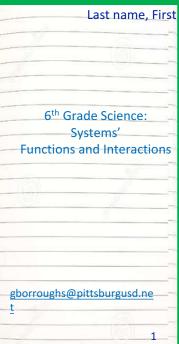
Science!

DoNOW: Please take out your notebook and begin numbering pages from 1 to 140.

We will be setting up the notebook and then start to look at lab safety.

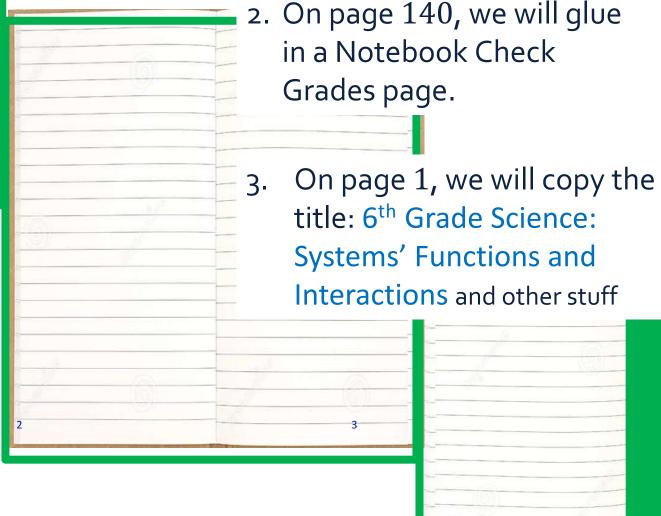
140



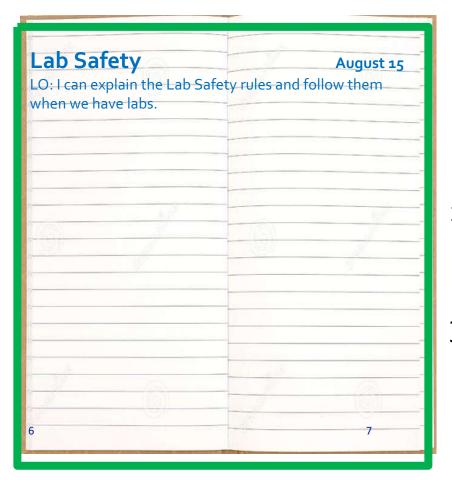


Next:

1. On page 2 we will glue in a Table of Contents page(we will use 4)



140

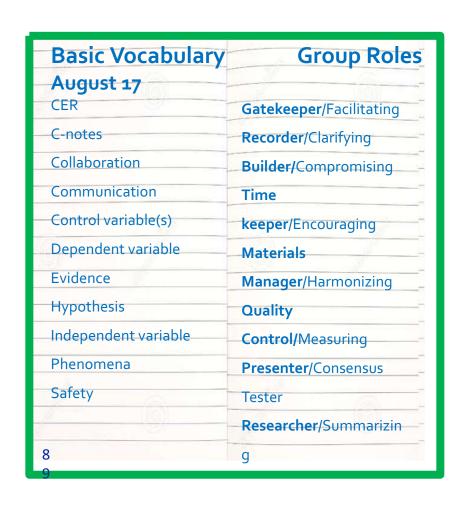


Introducing Lab Safety:

- .. Now **turn to** page 6/7 and **copy** the title, **Lab Safety**, date, **08/15**, and learning objective, I can explain the Lab Safety rules and follow them when we have labs.
- In the following slides, where the font is in blue, copy the phrase.
- 3. Between slides, whisper to

your partner about what you see in green. Can you think of other examples?

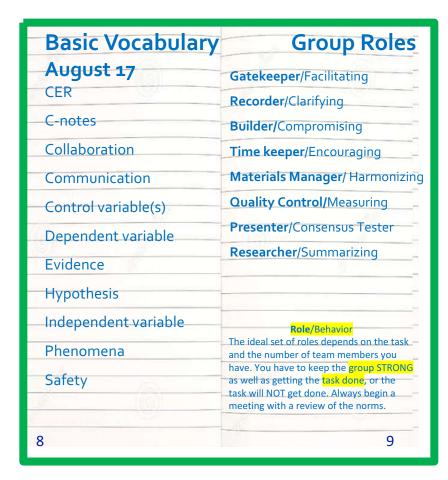
Remember we wrote on page 8, leaving a line blank between words. Below is the list:



- CER
- C-notes
- Collaboration
- Communication
- Control variable(s)
- Dependent variable
- Evidence
- Hypothesis
- Independent variable
- Phenomena
- Safety

We started to find definitions using Google Search and the glossary in your online textbook, starting at page 612. .

Now, on page 9 **copy** the title, **Group Roles**. Please leave a line blank between words. Below is the list:

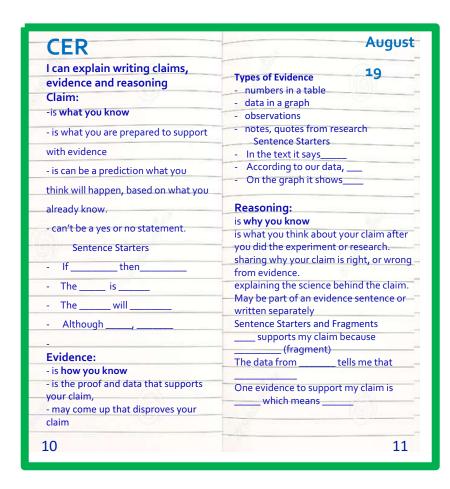


- Gatekeeper/Facilitating
- Recorder/Clarifying
- Builder/Compromising
- Time keeper/Encouraging
- Materials Manager/Harmonizing
- Quality Control/Measuring
- Presenter/Consensus Tester
- Researcher/Summarizing

Role/Behavior

The ideal set of roles depends on the task and the number of team members you have. You have to keep the group STRONG as well as getting the task done, or the task will NOT get done. Always begin a meeting with a review of the norms.

Notes on C-E-R

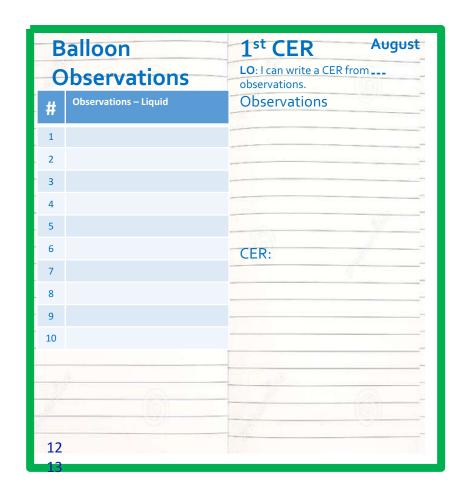


These notes begin on page 10, with a title of CER, a date of August 19, and subtitles of Claim, Evidence, and Reasoning.
The LO is I can explain writing claims, evidence and

For each subtitle, there is a slide to copy.

reasoning.

Balloon Observations and First C-E-R Paragraph



The observations were to help you identify the liquids in the balloons. You were to report any accidents immediately!

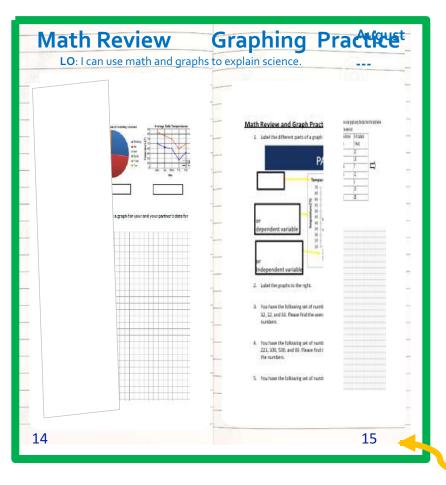
LO: I can identify liquids from observations.

The observations from the video were to help you write a claim that you could support with evidence and reasoning. Remember that some might interpret the evidence differently!

LO: I can write a CER from observations.

Are these two pages finished?

Intro to . . . Graphing . . . Practice



These pages are meant to give you enough graphing background to use graphs in analyzing results.

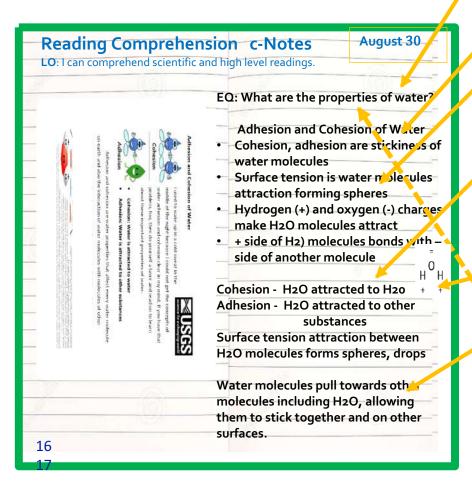
LO: I can use math and graphs to explain science.

Observations usually lead to measurements that have to be analyzed. Why is measurements important in science?



Remember: When you glue-in, the pages must fold out.

Reading Comprehension and c-Notes



- Leave space here for the Essential Question.
- Put the topic or title here.
- Copy your highlights (important info) here as jot dots.
- Underneath list key science and academic vocabulary and their meanings.
- Add a diagram to help visualize
- Now summarize what you learned and go back to the top and write the essential question.

The notes shown on this slide are the teacher's. Your thought should be similar, but personal to you.

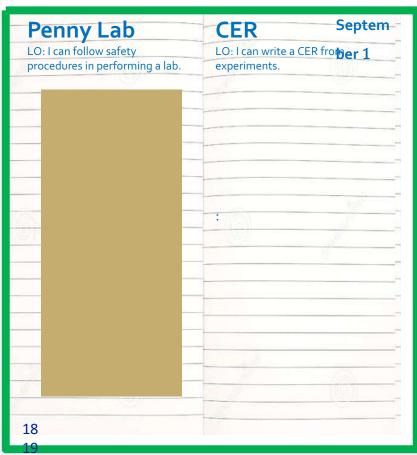
Penny Lab and C-E-R

We will do this lab in partners.

LO: I can follow safety procedures in performing a

lab. The writing from your form will break out into three

paragraphs.



The LO for page 19 reads:

LO: I can write a CER from experiments.

- 1. Read the directions on your half-sheet of paper and let's begin! (Glue later.)
- 2. Call for the teacher to mop up water spills. Do **not** use the paper towel! (Use the paper towel to dry the penny between trials.)

Roles:

- Pipette person: fill cup about one third
- Recorder: keep up on both sheets
- Switch after two trials.