

Scientific Notation Project

Expectations:

- Create a collage with at least 6 interesting facts that include numbers.
- Besides the 6 fact pages, you will need a title page that includes a title, date, and name.
- Of the 6 facts:
 - Each fact must contain a 6 digits or more number when written in standard form. (For instance: 64,000 is not acceptable but 6,400,000 is.)
- Each fact you will need to the following items:
 - Title
 - Illustration (either printed and drawn)
 - Standard Form (labeled individually in a box AND underlined in the explanation)
 - Scientific Notation (labeled individually in a box AND underlined in the explanation)
 - Short explanation of fact (must have at least 4 complete sentences explain each fact.)
 - A word problem using the scientific form of the number.
- On a separate sheet of paper all 6 of your questions need to be written out and answered.
- Extra Credit: 10 interesting facts

Example:

SOIL

Standard Form: 40,000,000

Scientific Notation: (4.0×10^7)



We walk on soil everyday but have we really thought about what is in the soil. There are typically 40,000,000 (4.0×10^7) bacterial cells in a gram of soil. Most of this bacteria does not harm us. As a matter of fact we need it to break certain things down.

If you held 23 grams of soil in your hand, about how many bacterial cells would you be holding?

Scientific Notation Rubric

Your name:		4	3	2	1
Project Title page	-Title-(spelled correctly) -Name -Date -Stands out				
Fact 1	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Fact 2	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Fact 3	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Fact 4	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Fact 5	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Fact 6	-Related illustration -Standard & scientific form (both locations) -Fact explanation -Question				
Over all appearance	-Neat and legible -Turn in on time -Colorful/creative -no major spelling mistakes				

