



South River and Bridge, Waynesboro, Va.

REMEDATION ADVISORY PANEL

- WE ARE THE VOICE OF THE COMMUNITY
- WE ARE RESIDENTS FROM ALL WALKS OF LIFE
- OUR CONCERNS ARE QUALITY OF LIFE
- WHEN MEMBERS OF THE SOUTH RIVER SCIENCE TEAM SPEAK WITH US, REMEMBER WHAT WE CITIZENS DO ON THE SOUTH RIVER ...













HERE ARE EXAMPLES OF COMMON
MISTAKES SCIENTISTS MAKE WHEN
SPEAKING TO CITIZENS ...

Scientific Notation

$$(4 \times 10^3)(2 \times 10^5) \quad 3500 \rightarrow 3.5 \times 10^4$$

$$6.3 \times 10^6 + 5.9 \times 10^4$$

$$0.000746 \rightarrow 7.46 \times 10^{-4} \quad \frac{12 \times 10^6}{3 \times 10^{-4}}$$

$$\sqrt{1.6 \times 10^{-5}} \quad (5 \times 10^4)^3$$

Type	Examples
1. Chemical compound	Tritiated Water ($^3\text{H}_2\text{O}$) Mercury (Hg)
2. Gene or substance name	Aromatase gene (CYP19) interstitial collagenase (MMP-1)
3. Synonym ^a	Day of birth (P0) leukosialin (CD43)
4. Hyponym ^b	Fibroblast cell line (3T3) rat glioma (C6)
5. Metonymy ^c	Gamma radiation (^{60}Co) phototherapy (UVB)
6. Regular word ^d	2,6,10,14-tetramethylpentadecane (pristane) hydroxymethylglutaryl coenzyme A reductase inhibitors (statins)
7. Brand name or manufacturer	human insulin (NOVO) braun oral-B ultra plaque remover (D9)

^aThe abbreviation and long form have similar or identical meanings and are

WHEN SCIENCE TEAM MEMBERS
MEET WITH THE COMMUNITY ...
BE LIKE CARL

KNOWLEDGEABLE

ENTHUSIASTIC

ACCESSIBLE



