

CHEMISTRY CLASS

SOLUTION:

1st clue = Ever since the Hindenberg disaster blimps have been filled with this gas (rule = vowels omitted) → helium, He → apply rule → **H**

2nd clue = Computer chips rely on this semiconducting metalloid (rule = drop last letter of each word) → silicon, Si → apply rule → **S**

3rd clue = In bridges hemoglobin and the earth's core (rule = insert a U before each E) → iron, Fe → apply rule → **FUE**

4th clue = Cheap metal filling inside post-'82 US pennies (rule = backwards) → zinc, Zn → apply rule → **NZ**

5th clue = Heavy metal once used in paints and gasoline (rule = replace first letter with a D) → lead, Pb → apply rule → **DB**

6th clue = Filament for incandescent light bulbs (rule = upside down) → tungsten, W → apply rule → **M**

7th clue = Previous IUPAC name for nihonium (rule = substitute J's for U's) → ununtrium, Uut → apply rule → **JJT**

Placing these thirteen letters in designated order gives the eighth (Meta) clue: **ENJUSJTMFHBZ**

8th clue = Dmitri's Legacy (rule = shift every letter forward one) → Mendelevium, Md → apply rule → **Ne**

The solution is **Ne** (which happens to be the symbol for another element, neon, which is "brilliant" in tubes and signs).

NOTE: "JC-Style". Refers to Julius Caesar Style - i.e. Caesar shift!