

Guest Speaker: Greg Campbell
Central Virginia Blacksmith Guild

Name _____
Block _____

Properties of Metals Lab

- 1) Where are metals located on the periodic table? _____
- 2) What do metals look like? _____
- 3) What are the chemical properties of metals? _____

- 4) What are the physical properties of metals? _____

- 5) What is the difference between Ferrous and Non Ferrous? _____

- 6) What is Oxidation? _____
- 7) How do metals rust/tarnish? _____
- 8) What makes metal glow when it is hot? _____
- 9) What is a Kiln used for? _____
- 10) How does metal "work harden"? _____
- 11) How can you make steel stronger? _____
- 12) What determines a metal's crystalline structure? _____
- 13) How is an alloy made? _____
- 14) How does Quenching affect ferrous and non-ferrous metals? _____
