Name: _____ Date: _____

Materials: Metals and Non-Metals

Q1. Why are sodium and potassium stored in kerosene?

Ans. _____

_____

Q2. What kind of handle does screw driver have and why?

Ans. _____

_____

Q3. Why are bells made of metal and not of wood or other material?

Ans. _____

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Q4. Is there a difference in the way metals and non-metals react with acids?

Ans. _____

_____

Q5. Why immersion rods for heating liquids are made up of metallic substances?

Ans. _____

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Q6. When materials like coal and pencil lead are beaten, their shapes do not changes, rather break down into small pieces. Why so?

Ans. _____

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Education with Fun

Materials: Metals and Non-Metals

Q1. Why are sodium and potassium stored in kerosene?

Ans. Sodium and potassium are stored in kerosene because they react vigorously with oxygen and water.

Q2. What kind of handle does screw driver have and why?

Ans. Screw driver handle is either made up of wood or plastic because they are bad conductors of heat and electricity.

Q3. Why are bells made of metal and not of wood or other material?

Ans. Bells are made of metal because they are sonorous. The things made of metals produce ringing sound when struck hard.

Q4. Is there a difference in the way metals and non-metals react with acids?

Ans. Non-metals generally do not react with acids but metals react with acids and produce hydrogen gas that burns with a 'pop' sound.

Q5. Why immersion rods for heating liquids are made up of metallic substances?

Ans. Immersion rods for heating liquids are made up of metallic substances because metals are good conductors of heat and electricity.

Q6. When materials like coal and pencil lead are beaten, their shapes do not changes, rather break down into small pieces. Why so?

Ans. This is so because coal and pencil are non-metal and they are not malleable.