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Chemistry

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| **Across****8.**  Limestone is heated to a high temperature with clay and then powdered.**10.** Water**11.** An old name for mercury. **13.** A solvent and a solute**14.** The mixture of gases which we breathe!**16.** This is an igneous rock that has large crystals. It has formed slowly as the molten rock (magma) cooled inside other rock. Compare it wirth basalt.**18.** One of the three states of matter**20.**  It is a raw material in the blast furnace as a source of carbon. **21.** A mixture of different metals.**23.** A solution of sodium chloride (common salt) in water**24.** The liquid part of a solution**25.**  The layer of the Earth immediately below the crust. | **Down****1.** The temperature at whcih a solid turns into a liquid**2.** Create the flame of knowledge**3.** The Sun's energy is trapped by the Earth's atmosphere. **4.** Molten rock beneath the surface of the Earth. **5.** Many people are worried that the average temperature of the Earth is increasing.**6.** It is said to be a contributor to global warming. **7.**  A substance that will neutralise an acid**9.** A liquid evaporating as fast as it can.**12.**  A form of sedimentary rock**15.**  The chemicals that react together to form the new materials. The word reagent is sometimes used instead. **17.**  The chemicals that react together to form the new materials. The word reagent is sometimes used instead. **19.** Its pure**22.**  A stae of matter. It has a fixed volume but no fixed shape. |