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Edison Teaching Kits

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As in humans, the exact behavior of each atom depends on its heredity and environment. The heredity of the atom refers to its physical properties. For example, atoms are not created equal in relation to its number and location of electrons. This, in turn will determine the behavior of an atom in a particular environment. The environment of the atom is also important as a behavioral determinant. In the copper plating of iron, the copper ion is attracted more to the loosely held electron of the iron rather than attracted to the negative sulfate ion of the copper sulfate solution. These behavioral characteristics give life to small, invisible particles.

It seems that cartooning is a worthy contribution to science education. Students are amused, and yet they learn how science performs its miracles. The comic-type pictures have been favorably critiqued by the students at the end of the course in the past. If student recall can also be used as an evaluation technique for cartoons in the classroom, then the future looks promising for this type of educational methodology. Students come back years later and almost invariably ask a question such as: "How is Willy Water Molecule doing?"

Edison Teaching Kits

An Edison Teaching Kit contains seven how-to booklets based on experiments of Thomas Edison and other scientists. Booklet titles are *Simple Experiments in Magnetism and Electronics*, *Useful Science Projects*, *Environmental Experiments*, *Selected Experiments and Projects*, *Nuclear Experiments*, *Energy Conservation*, and *Alternative Energy Sources*.

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