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(Electrical)
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\* Experiment-5 \* Am: To study of various electronic tools: strip
board, bread board, solder iron plions, cutters,
de-solder pump. \* Strip board: Do is a widely used type of electronics prototyping board characterized by a 0.1 inch (2.54 mm) regular (rectangular) grid of holes, with wide parallel strips of copper cladding numing in one direction all the way accross one side of board. It is commonly known by name Veroboard, which is a trademark, in Uk. It is possible to break between holes to allow for components that have two pin sows only one position apart.
Such as twin sow headers for IDCs. \* Bread board: A breadboard is usually a construction base for prototyping of electronics. The term "breadboard" is commonly used to refer to solderless breadboard. It originally was a flat wooden cutting board used to support a loaf of board while it was being stired, this original meaning is still in use, but has a new additional meaning as "a base for prototyping"? This concept is not confined to electronic design & cah be used by mechanical engineers

vision

Because the solderoless breadboard for electronics does not require soldering, it is reusable. This makes it easy to use for creating temporary prototypes & experimenting with circuit design. Older breadboard types did not have this propersty. A variety of electronic Systems may be prototyped by using breadboards, from small or analog & digital circuits to complete Central processing units CCPUSD.

\* Solder iron Pliers:

It is a hand tool used in soldering. It supplies heat to melt the solder so that it can flow into

the joint between 2 workpreces.

It is composed of a heated metal tip 8 an insulated handle. Heating is often achieved electorically, by passing an electoric current through a resistive heating element. Simple rooms less commonly used than in the past were Simply a large copper bit on a hadle, heated in a flame.

Soldering irons are most often used for installation, repairs, 8 limited production work in electronics assembly. Large from may be used for soldering joints in Sheet metal objects a less common uses

Include pyongraphy 8 plastic webling.





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