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and properties of elements.

3. The modern periodic table explains the reasons for the periodicity in properties of elements.  $\rightarrow$  It says that the electronic configurations of the elements are repeated at regular intervals, so the properties of elements are also repeated at regular intervals.

4. The modern periodic table tells us

Hydrofluoride of its aqueous solution

Fluorine is important in creating a natural  
material for making dental enamel and insulating  
ceramic tiles. It also is used to etch glass in  
the form of hydrogen fluoride.

Fluorine is used to make plastics, such as  
Teflon and is also important in dental health.