



كلية العلوم

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يمكنكم طلب المحاضرات برسالة نصية (SMS) أو عبر (What's app-Telegram) على الرقم 0931497960



What are some of water roles on earth ?

1 – Influencing weather : Weather is related to water . water constantly moves from earth`s surface to the atmosphere , where it may form clouds . water falls back to earth`s surface again as rain , snow , hail , or sleet . Weather depends on the amount of moisture in the air .

2 – Shaping earth`s surface : Over time , water can completely reshape a landscape . Water slowly wears away rock and carries away sediment and soil . Flowing rivers and pounding ocean waves are also examples of water shaping Earth`s surface .Frozen water

shapes earth's surface , too . Glaciers scrape away rock and soil , depositing these materials elsewhere when the glaciers melts .

3 – Supporting life : Every living thing is largely made up of water , and nearly all biological processes use water . All of an organism's cellular chemistry depends on water . Water regulate temperature and helps transport substances .

Without water , animals and plants would dry up and die . For humans , clean water is vital for good health . Contaminated water is harmful to plants , animals , and humans .

4 – Supporting humans activities :
Clean drinking water is necessary for all

humans . Many humans use water for bathing , cleaning , watering lawns and gardens , for industrial purposes , and agriculture .

What are the structure of water molecule ?

Matter is made up of tiny particles called atoms . Atoms can join with other atoms to make molecules . A water molecule is made up of two hydrogen atoms and one oxygen atom(H₂O).

What Makes Water a Polar molecule ?

In a water molecule , the hydrogen atoms have a small positive charge . The oxygen atom has a small negative charge . Anything that has a positive

charge at one end and negative charge at the other end is said to have polarity . A water molecule therefore is a polar molecule .

What states of water occur on earth ?

- 1 –** Most of earth`s water is in liquid form (rivers , lakes, oceanetc).
- 2 –** Liquid water can change into an invisible gas called water vapor ,water vapor is found in earth`s atmosphere .
- 3 –** Liquid water can freeze into solid ice or snow .



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