



Water: A Unique Substance

The physical properties of water and its role in life on Earth

WHILE YOU LISTEN

1 Complete the notes

Listen to the lecture and complete the notes. Write **ONE WORD** in each gap.

States of water	low temperature: water freezes → a solid = (1) _____ higher temperature: liquid water (2) _____ easily gas = invisible water (3) _____ in the atmosphere liquid water can fit any (4) _____
The global ocean	four named oceans: Atlantic, Pacific, Indian and (5) _____ they are connected; any part of this ocean = a (6) _____ most of the ocean is in the (7) _____ hemisphere
Water and life	living things need water to (8) _____
Fresh water and salt water	fresh water: not salty, little or no taste, colour or (9) _____ salt water: humans and most land (10) _____ cannot drink it

AFTER YOU LISTEN

2 True, False or Not mentioned?

Click **T** (true), **F** (false) or **NM** (not mentioned in the lecture) for each statement. Use your notes.

Statement	Your answer		
1. Earth is the only planet in our solar system with a lot of liquid water on its surface.	T	F	NM
2. Water is made up of two elements: hydrogen and oxygen.	T	F	NM
3. At the temperatures we have on Earth, water exists as a solid, a liquid and a gas.	T	F	NM
4. The gas form of water in the atmosphere is easy to see.	T	F	NM
5. The four named oceans are not connected to one another.	T	F	NM
6. Liquid water can hold its shape in a raindrop.	T	F	NM

Statement	Your answer		
7. Most of the ocean is in the northern hemisphere.	T	F	NM
8. The force of running water causes erosion.	T	F	NM
9. Water also covers some land areas as rivers and lakes.	T	F	NM
10. Human beings can survive by drinking salt water.	T	F	NM
11. Many forms of life can live in salt water.	T	F	NM
12. Population growth causes an increased use of water.	T	F	NM

3 Vocabulary in context

Complete the sentences with the words from the box. Use each word once. You will not need **two** words. If necessary, check the meanings in a dictionary.

scarce glistens marble ranges dries out nutrients thirst flushes
drop mammals quenches wastes dissolved survival tiny

- When you hear the word "water", you might imagine a cool drink that (1) _____ your (2) _____.
- The water that you drink and depend on for (3) _____ is fresh water.
- Salt water is water that contains (4) _____ salts and other minerals.
- Even a single drop of water may contain (5) _____ forms of life.
- Seen from outer space, Earth (6) _____ like a beautiful blue and white (7) _____.
- Even though fresh water is important for life, it is actually (8) _____ on Earth.
- Blood, which is mostly water, carries (9) _____ that give you energy and (10) _____ wastes away.
- Oceans, lakes and rivers are home to fish, (11) _____, plants and other organisms.
- In the temperature (12) _____ we have on Earth, water exists commonly as a solid, a liquid and a gas.
- When something wet (13) _____ in hot sunlight, you observe the effect of liquid water changing into a gas.