

### COMPARISON OF THE CIRCULATORY SYSTEM AND THE WATER CYCLE

Complete the table as follows:

1. Before watching the first video, try to fill the gaps with your team.
2. After viewing the first video, complete the rest of the information with your partner.
3. Repeat the same process after watching the second video.

System/Network	What it is/Definition	Main element	Comprised of	Motor element (moving)	Composition	Place in which it circulates	Function
Circulatory	Set of _____ and conduits that _____ the _____ to any part of the _____	Blood	Blood heart blood vessels (arteries, veins, and capillaries)	Heart	Blood with oxygen: Plasma (liquid) and cells in suspension: (red blood cells, leukocytes and platelets)	Veins arteries and capillary vessels	Distribute oxygen and nutrients to the body and collect waste
Water cycle or hydrographic network	Process in which _____ circulates through the planet Earth through: the atmosphere, in a _____ state: the earth, in a liquid or _____ state; and the sea in a _____ state. Here through _____ it will evaporate again to form _____ again.	Water	Heat → sea Evaporation: water vapour → condensation, clouds → precipitation: rain or snow → water flow liquid: rivers or groundwater → sea	Sun (and wind)	Water: two hydrogen atoms and one oxygen atom, and so its formula is: H <sub>2</sub> O	Clouds, rivers, groundwater, lakes and seas	To distribute water to drink, to water... for living beings to live. They also pick up “waste”.
Common characteristic: 70% of the planet Earth and the human body is made up of water	Cycle movement	Liquid	Travel through channels	Heart-shaped sun or sun-shaped heart. The wind is the sun’s heartbeat. Wind → beats	Oxygen	Arteries → clouds veins → rivers capillary vessels → streams	To transport, renew and cleanse the organism and the Earth in order to live