

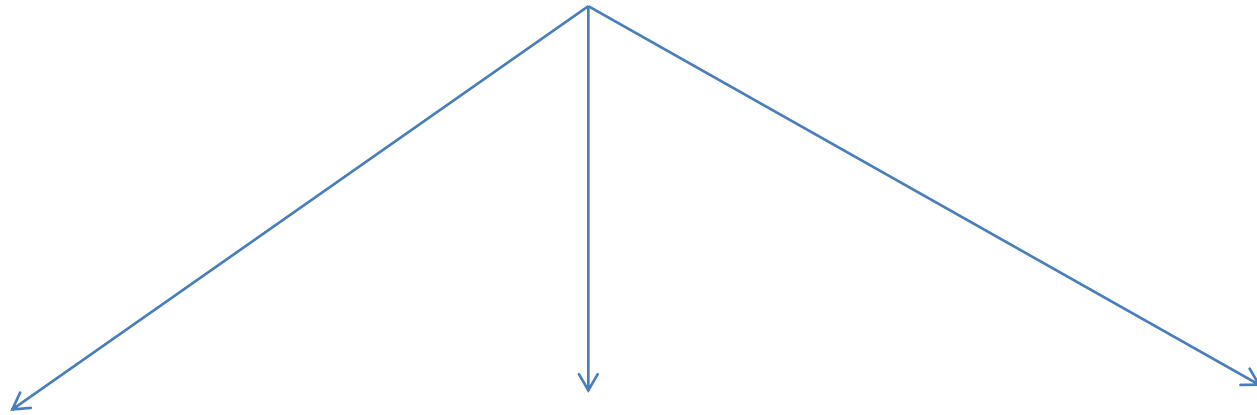
Water.

***Its transformations, properties,
Water cycling.***

What is water?

- **Water** is a transparent fluid which forms the world's streams, lakes, oceans and rain, and is the major constituent of the fluids of living things.
- As a chemical compound, a water molecule, contains one oxygen and two hydrogen atoms that are connected by covalent bonds.

In nature water can be:



gaseous



liquid



ice



Water transformations



Increasing
temperature



melting



Decreasing
temperature



freezing





Water boils at 100° C

BOILING



**The water vapor and
goes into air at anyway
temperature.**

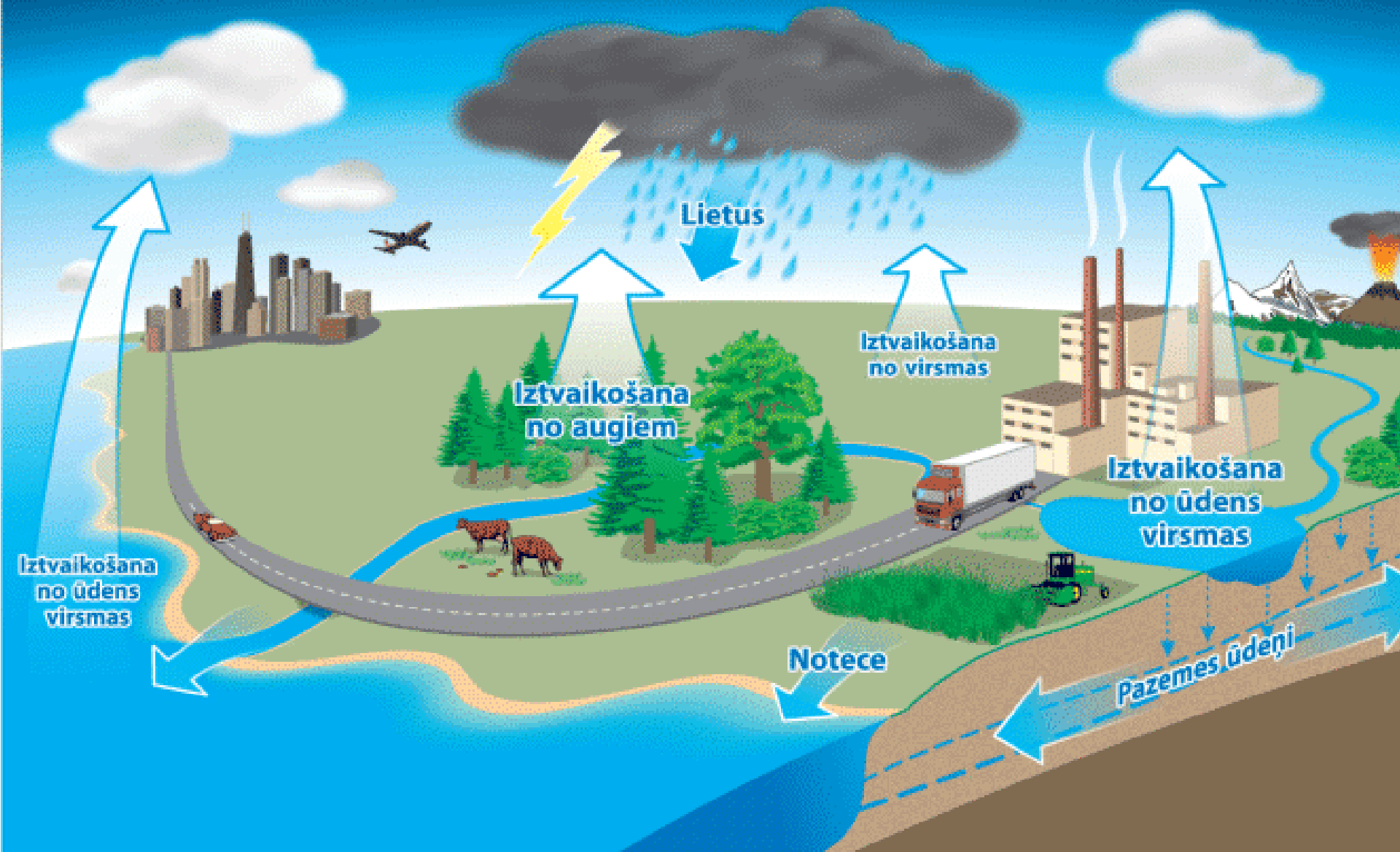
EVAPORATION



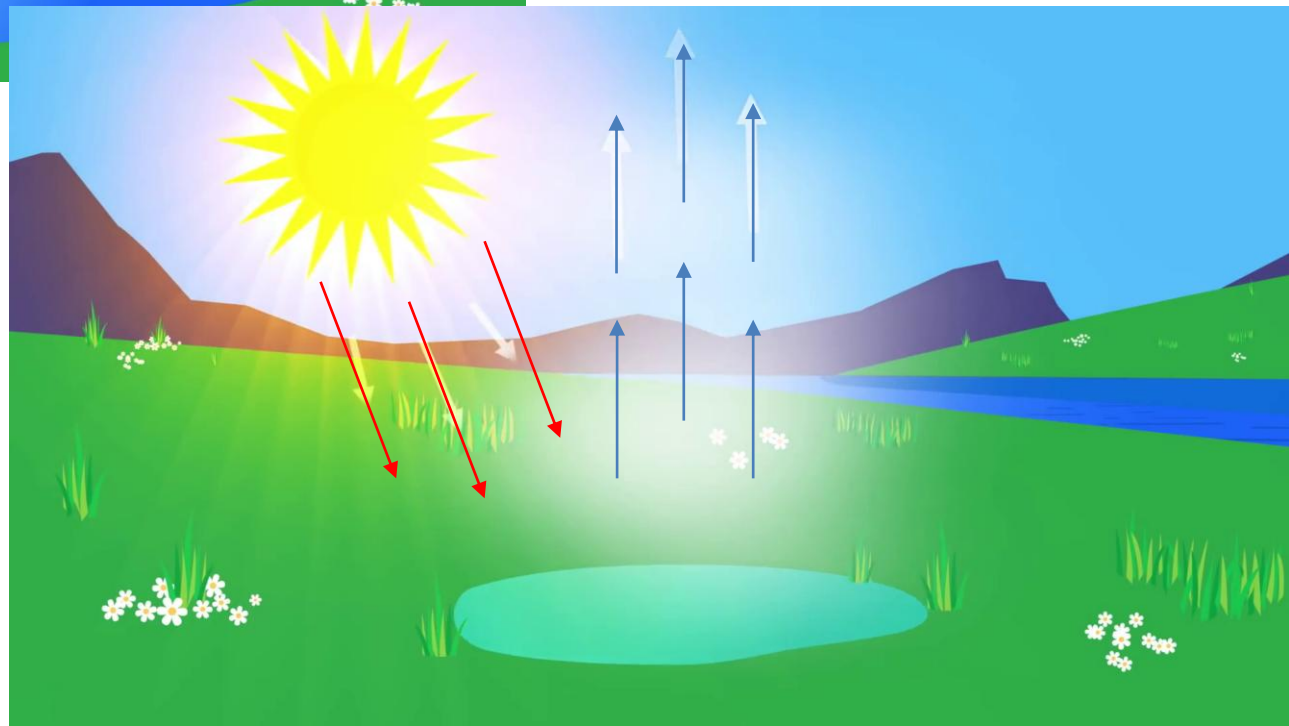
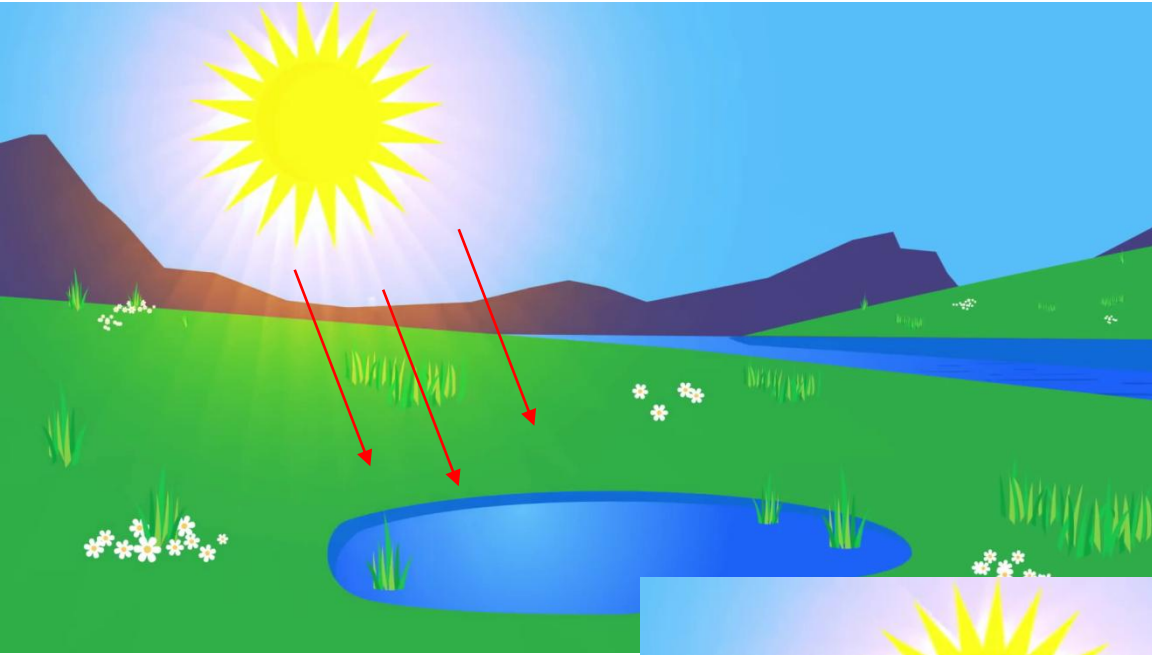
**Water vapor in the air
gets cold, then it is
condensation**

CONDENSATION

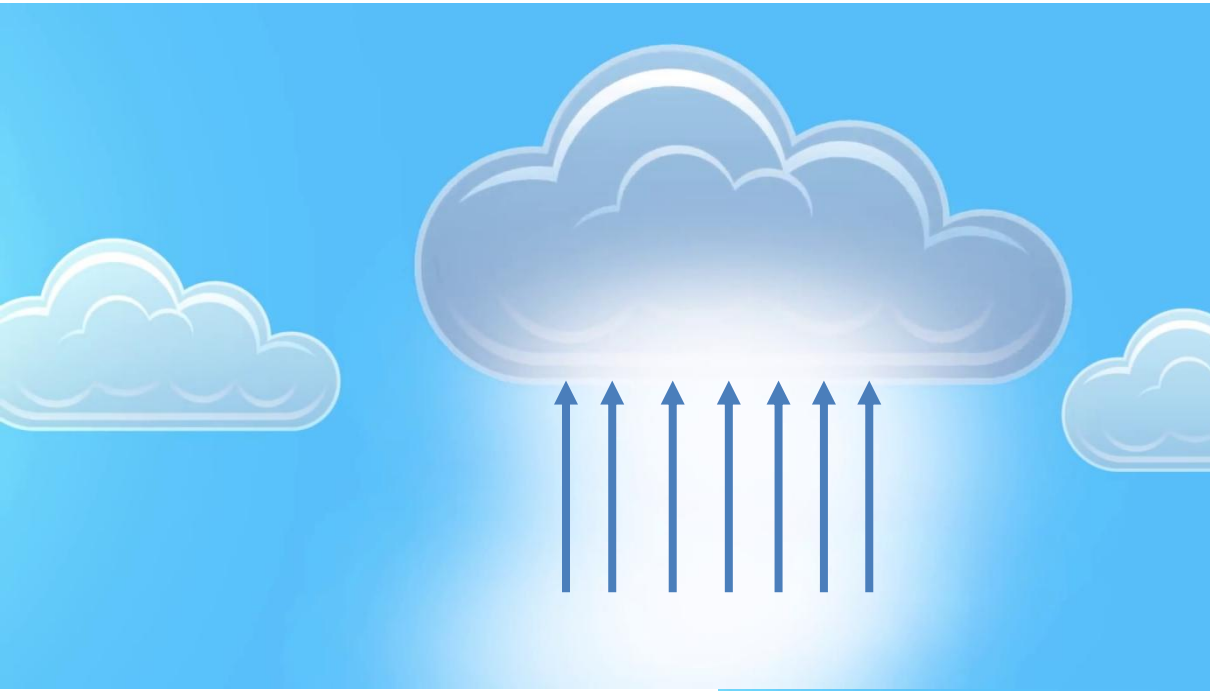
ŪDENS APRĪTE DABĀ



EVAPORATION



CONDENSATION



PRECIPITATION

RAIN



SNOW



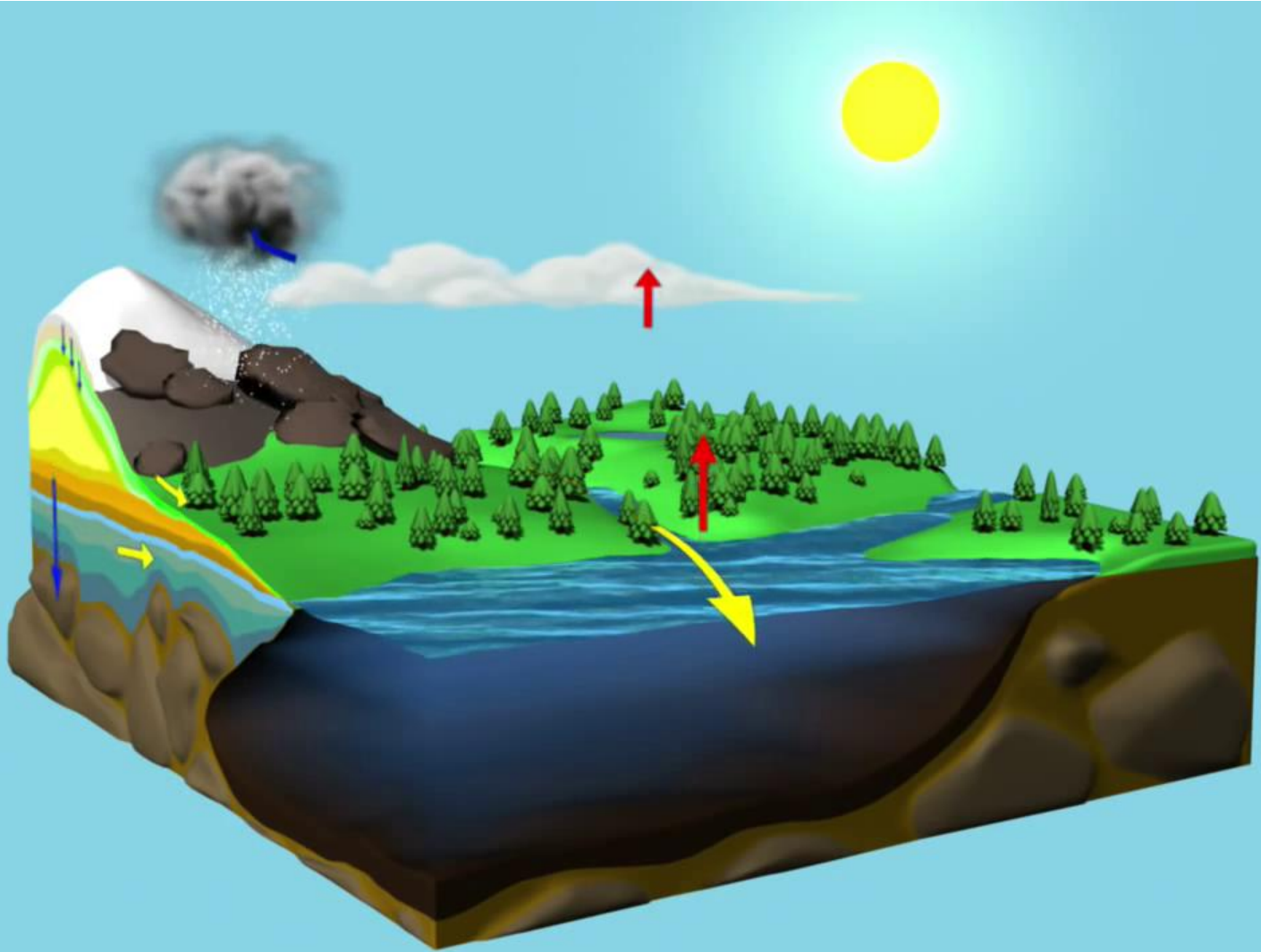
SLEET



HAIL



COLLECTION



Water cycling

- The sun heats up water in rivers and lakes and turns it into water vapor or steam.
- Water vapor in the air gets cold and changes back into liquid to form clouds.
- When the clouds get big and heavy with water, they fall back to earth, in the form of rain, hail, snow or sleet.
- Rain, hail, snow and sleet are precipitation.

Water using



washing hands



washing up



cooking



drinking

Water using



transportation



have a rest and sport



cleaning



to get electricity

Save the water!



Close the tap!



take a shower



Cleaning teeth, take the water in a glass



do the dishes in the sink

People use much water to
yourselves.

On the Earth we have a little
freshwater, that's why save it!