

Meadows Matter - Online Toolkit - MODULE 4

Module 4 helps students to refresh and deepen their knowledge about the carbon and nitrogen cycle as well as about the water budget. Furthermore they will be able to connect plants and organisms, above- and belowground through these different cycles and experience how everything is interrelated.

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Example of learning activity on the hydrological cycle

Module 4: Learning activity 4.4. 'Blue gold - The water cycle'

Assign letters from diagram to terms listed below!

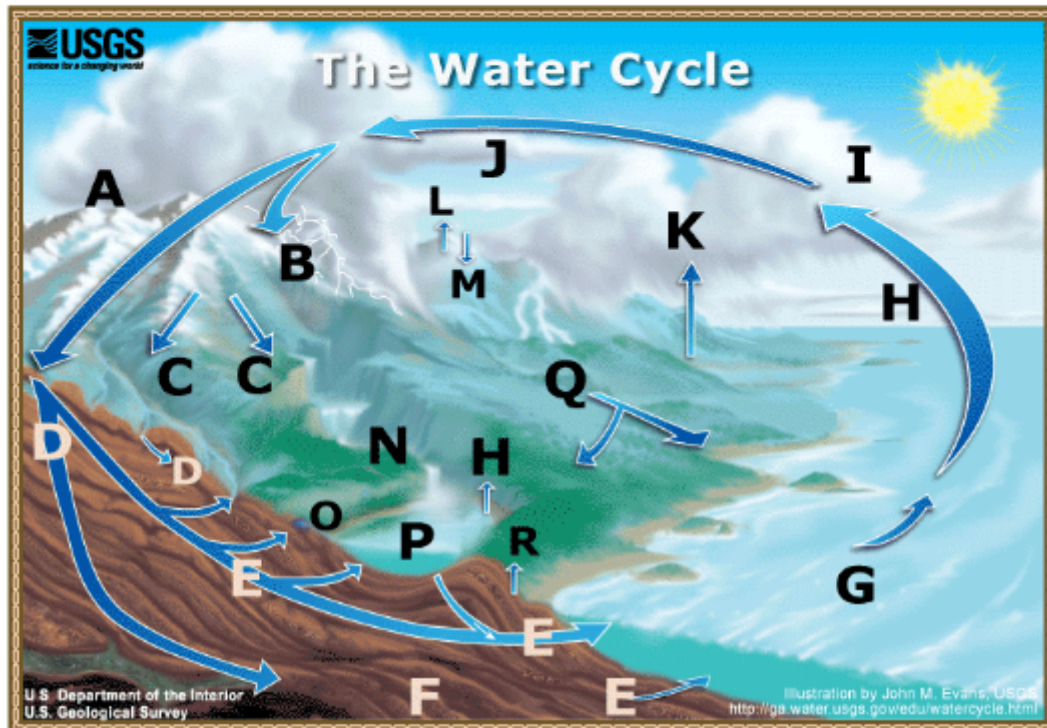


Fig.39. The water cycle (Source: Adapted from Science for a changing world)

Condensation	[]	Evaporation	[]
Evapotranspiration	[]	Freshwater storage	[]
Groundwater discharge	[]	Groundwater storage	[]
Infiltration	[]	Precipitation	[]
Snowmelt runoff to streams	[]	Spring	[]
Streamflow	[]	Sublimation	[]
Surface runoff to streams	[]	Water storage in atmosphere	[]
Water storage in ice and snow	[]	Water storage in oceans	[]
Desublimation	[]	Plant uptake	[]

Source: Adapted from Science for a changing world.

Available: <http://ga.water.usgs.gov/edu/graphics/watercycleguess-2011.gif>

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