
PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

1. Reading Material: on the school website, on our class homework page, find and study “Hydrologic Cycle”.

2. Based on the above, list the components of the Hydrologic (Water) Cycle.

3. Total amount (volume) of water on Earth is ~1,386,000,000 cubic kilometers (km^3). The Earth’s surface (area) is ~510,000,000 square kilometers (km^2). Estimate how deep, in kilometers (km), on average, would the “World Ocean” be if it covered the Earth completely and evenly? Show your work!

(Hint#1: recall that VOLUME = Depth x Width x Length = Depth x AREA)

(Hint#2: in Metric System, land area is typically measured in “square kilometers” or $\text{km}^2=\text{km}\text{km}$; volume is measured in “cubic kilometers” or $\text{km}^3=\text{km}*\text{km}*\text{km}$)*