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## Syllabus

This is an introductory course intended to acquaint students with many of the essential roles of water in the environment. Topics
range from fundamental properties of water to the importance of water and water quality to society. Course topics also will include $\qquad$ water in oceans, lakes, rivers, soils, and the atmosphere as well as the importance of water to various environmental processes and life.

Abundance/Distribution
Quality
Relevance

## Homework I

Water in Music

Three songs with water as a theme or metaphor
Title, Composer, and one verse
Due: Wednesday, September $2^{\text {nd }}$

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How much water do you use? $\qquad$

http://ga.water.usgs.gov/edu/sacsq.html
Click on link and go to: How much water do you use at home on a typical day?

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## Does it make a difference?

Domestic water use:
Industrial water use:
Irrigation water use:
10\%
20\%
70\%

1 pound of Rice 650 gallons 4800 pounds 1 pound of Wheat 130 gallons 1000 pounds 1 pound of Sugar 400 gallons 3000 pounds 1 pound of coffee 2650 gallons 10 tons

1 beer: 66 gallons
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Secondary Water
Grain $\longrightarrow$ Livestock $\qquad$
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## Some Water Facts

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## Water Facts

Americans drink more than 1 billion $\qquad$ glasses of tap water per day.

In some cases, 50 to 70 percent of
$\qquad$
home water is used outdoors for watering
lawns and gardens. $\qquad$
Average household water use annually: 127,400 gallons
Average daily household water use : 350 gallons

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