

An Introduction to Sustainability

sustainability
science for
sustainable
schools

NSF-Funded GK-12 Project



What is Sustainability?



Defining “Sustainability”

“Meets the needs of the present without compromising the ability of future generations to meet their own needs”

U.N., 1987, Brundtland Report,
“Our Common Future”

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Spaceship Earth!

Design a spaceship for a population to survive for
6,000 years.

Life Support Systems?



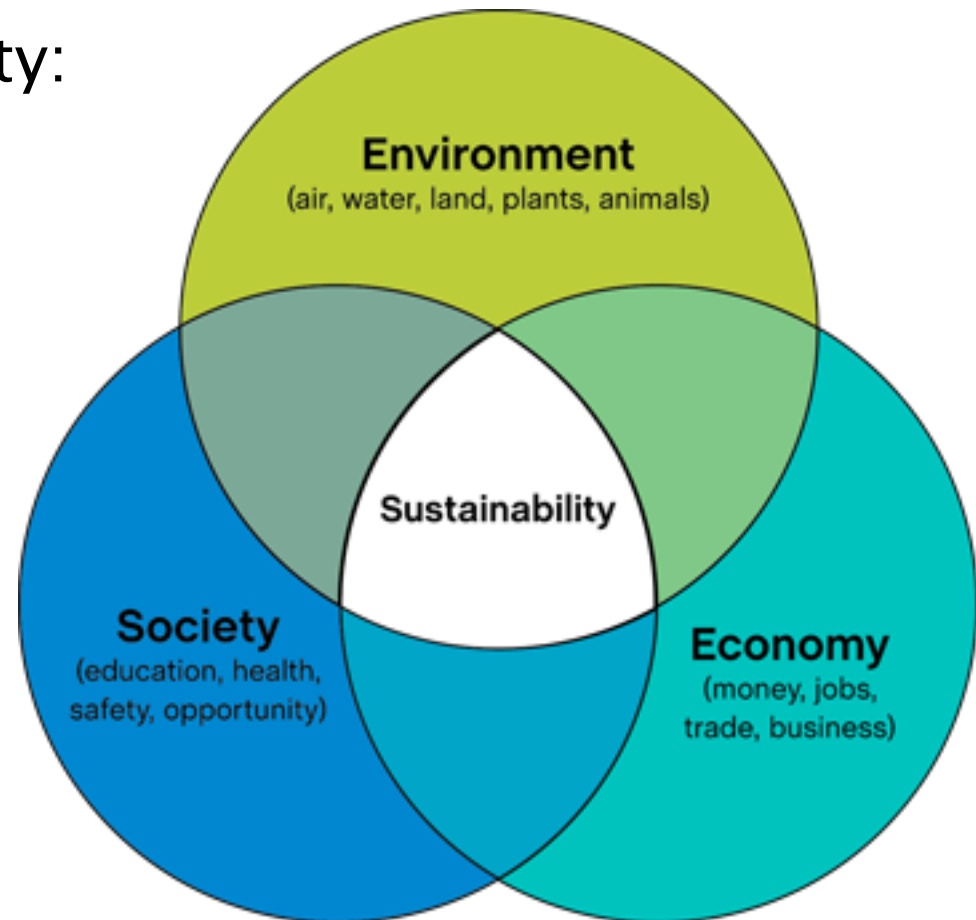
Social Systems?



A Sustainable World

3 Pillars of Sustainability:

- Social
- Economic
- Environmental



Why is Sustainability Important?

Sustainability in the United States



Sustainability in Arizona and Phoenix

Sustainability in your high school

Questions?

