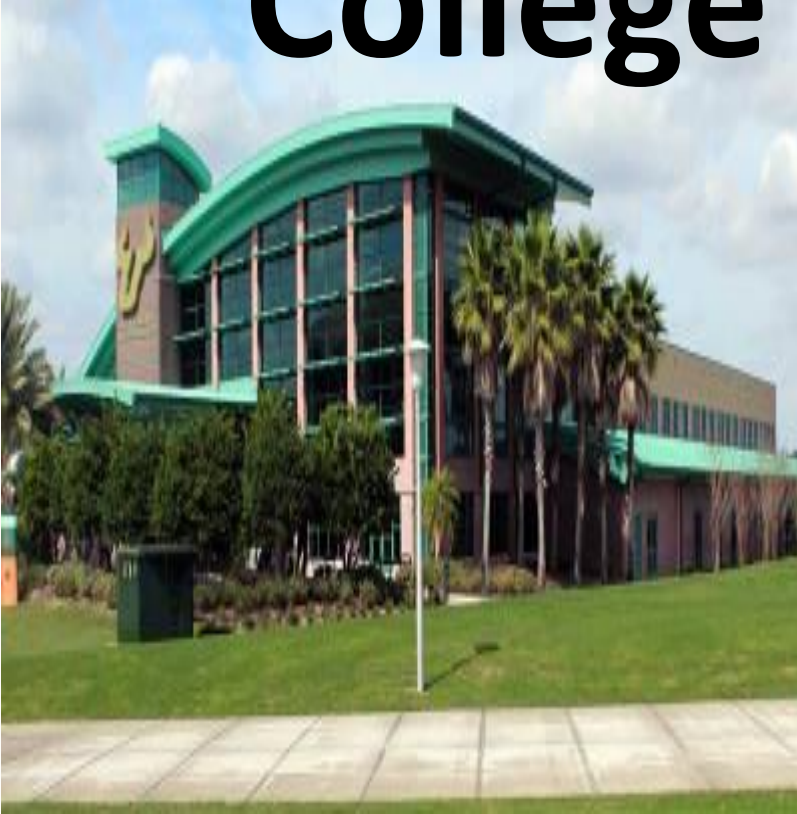




College of the Week





Our Island, Earth (Section 1.1)

—

Benchmark 1 - (SC.912.N.2.1)

(Main Idea)

- Environment
- Humans and the Environment

(Supporting Details)

- all the living and nonliving things with which organisms interact.
- Humans are part of nature. We interact with our environment and rely on a healthy, functioning planet for everything.



Benchmark 1 - (SC.912.N.2.1)

(Main Idea)

- Environmental Science
- Environmentalism

(Supporting Details)

- the study of how the natural world works, how the environment affects humans, and how humans affect the environment.
- a social movement dedicated to protecting the natural world—and, by extension, people—from harmful changes produced by human activities.

Natural Resources

```
graph TD; A[Natural Resources] --> B(Renewable); A --> C("In-Between"); A --> D(Nonrenewable); B --> E["Naturally replenished over short time. Ex. Fruits/Grains"]; D --> F["Naturally formed & slow to replenish. Ex. Coal/Oil"];
```

Renewable

Naturally replenished over short time.
Ex. Fruits/Grains

"In-Between"

Nonrenewable

Naturally formed & slow to replenish.
Ex. Coal/Oil

Benchmark 1 - (SC.912.N.2.1)

(Main Idea)

– Sustainable

(Supporting Details)

- able to meet the current demand for a resource without depleting the future supply.
- Affects non-renewable and the “in-between” resources.





Renewable natural resources

- Sunlight
- Wind energy
- Wave energy
- Geothermal energy

- Fresh water
- Forest products
- Agricultural crops
- Soil

Nonrenewable natural resources

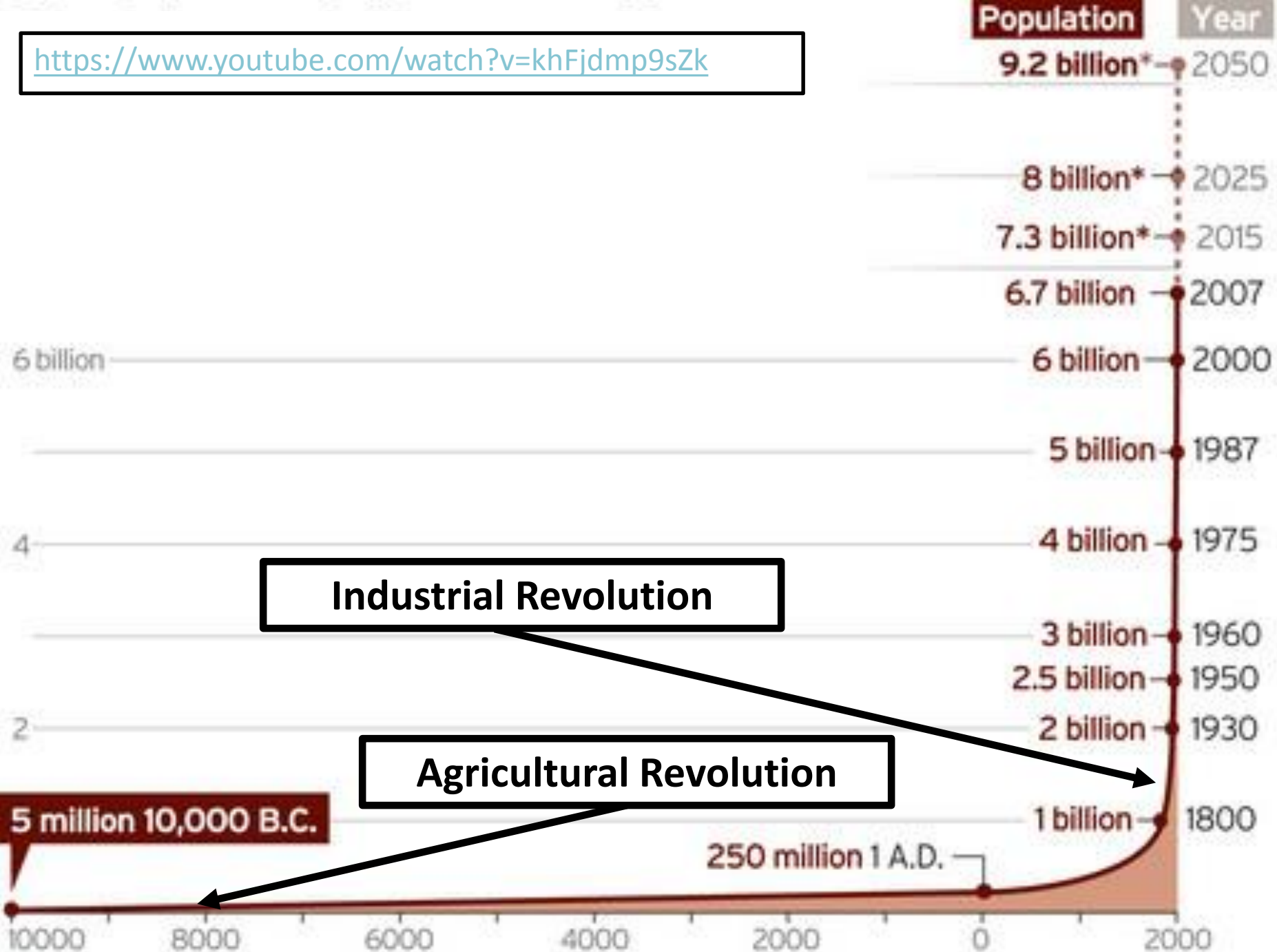
- Crude oil
- Natural gas
- Coal
- Copper, aluminum, and other metals



Can become nonrenewable if they are not used at a sustainable rate. Ex. Lakes/Rivers can dry up if supplies are drained too fast.



<https://www.youtube.com/watch?v=khFjdmp9sZk>



Industrial Revolution

Agricultural Revolution

5 million 10,000 B.C.

250 million 1 A.D.

Benchmark 2 - (SC.912.N.2.3)

Main Idea

- **Tragedy of the Commons**

Supporting Details

- What happens if we use resources globally at an unsustainable rate?

<https://www.youtube.com/watch?v=jSuETYEgY68>

The Tragedy of the Commons Activity

- Groups of 4.
- Read Instructions.
- Each person must turn in their own work.
- <https://www.youtube.com/watch?v=8V06ZOQuo0k>