

# 39.1 Using Natural Resources (part II)

Physical  
Science

Summarize main points from each video.

Video Title / topic \_\_\_\_\_

Video Title / topic \_\_\_\_\_

Video Title / topic \_\_\_\_\_

# Topic Introduction



**Summarize your understanding of each paragraph.**

This topic emphasizes opportunities for “cross-curriculum” connections. As introduced in Topic 38, the subject of natural resources is broad and wide-reaching. Access to natural resources has been, and will be, a fundamental aspect of our daily lives.

Artists, social scientists, and natural scientists play a role in how we perceive the subject of natural resources. In this topic students identify connections to these diverse disciplines - and explore their personal perceptions of the subject.

There are many types of art – visual art, language art, sensory art, vocal and musical arts to name a few. Throughout history, there has been an influence of art toward human usage of natural resources. The same is true for various cultures and societies worldwide.

Without fully separating from the scientific disciplines pertaining to natural resources students are encouraged to identify and explore connections between the tangible science of natural resources and less-tangible aspects related to the subject.

# Read/Summarize Text



1. Read the passage.
2. Underline key expressions in each sentence.
3. Re-write each word (or expression) you underlined.
4. Summarize the passage.

*Connections across content. Natural resources & other disciplines.*

There are overlapping concepts between physical science, life science, chemistry, technology, mathematics & other subjects. Honeycutt Science encourages students to identify & explore these various connections. Examples include:

- *Natural Resources & Literature*
- *Natural Resources & Visual Art*
- *Natural Resources & Music*
- *Natural Resources & Ancient Civilizations*
- *Natural Resources & Construction*
- *Natural Resources & Sports*
- *Natural Resources & Agriculture*
- *Natural Resources & Sprawl*
- *Natural Resources & Food*

*Arts*  
*Culture*  
*Society*

Honeycutt Science

*Re-write words you underlined*

\_\_\_\_\_

\_\_\_\_\_

*Using a complete sentence, summarize or rephrase the passage*

\_\_\_\_\_

# Read Page as an Example

Read and examine this page to better grasp HOW students might make a connection between Natural Resources, History, and Art.

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## Example of the Connection of Natural Science, History, and Art

(1759-1805) Johann Christoph Friedrich von Schiller was a German poet, philosopher, physician, historian, and playwright. He frequently discussed issues concerning aesthetics – sometimes through satirical poems.

Through his poetry in “*On Naïve and Sentimental Poetry*,” he claimed that there was a transformation of the Greek relationship to Nature in the Hellenistic period.

Specifically, he suggests that a reconsideration of early Greek poetry was necessary in order to properly appreciate the importance of Nature in Hellenistic poetry.

Note: the Hellenistic period (approximately) spanned the years 330 BCE - 64 BCE.

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In the paragraphs above, the main point is that ancient Greek poems may offer a great way to better understand Greek perception of Nature during the Hellenistic period.

The person who suggested this idea lived many centuries after the Hellenistic period. Specifically, Schiller – who was also a poet.



With additional research, a student would discover a surprisingly advanced society some 2,200 years ago. Innovations in the arts, education, agriculture and philosophy were abundant. Students could compare and contrast those innovations with modern-day thinking and advancements – especially those ideas centered on natural resources.

<https://en.wikipedia.org>

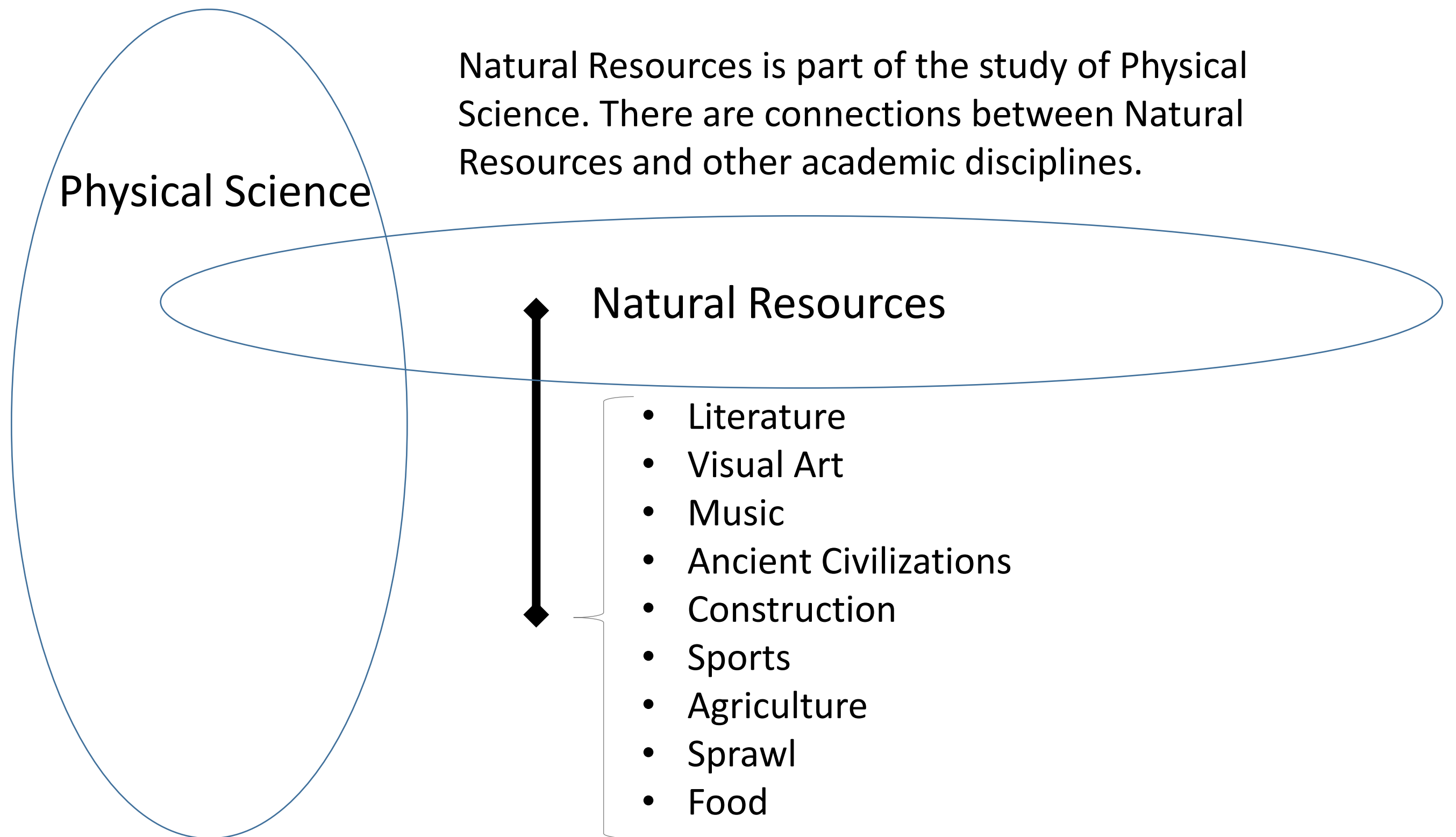
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# Copy the Illustration



## Copy Illustration and text explanation



## Sketch (Copy) the Illustration Here

# Choose Your Work



- Choose one of the ways to complete your work.

## Lesson

Present a physical science lesson to the class.

Include learning objectives.

Strive for 5 minute presentation.

Draw from prior topics covered in class – but extend the material to new ideas.

*Individual or small group*

## Research Paper

Turn-in a physical science oriented research paper.

Include/cite references used.

Strive for 300 total words (without “fluff”).

Either neatly hand-write paper or more ideally use computer to complete your paper.

*Individual only*

- Select an Area to Investigate. Please a check mark on one of these.
  - Natural Resources & Literature*
  - Natural Resources & Visual Art*
  - Natural Resources & Music*
  - Natural Resources & Ancient Civilizations*
  - Natural Resources & Construction*
  - Natural Resources & Sports*
  - Natural Resources & Agriculture*
  - Natural Resources & Sprawl*
  - Natural Resources & Food*
- Begin your work upon instructor’s permission.