**(AP) ENVIRONMENTAL SCIENCE 2022-23 May 25, 2023**

**Today’s Agenda (Day 164)**

1. Housekeeping Items

🡪 BRING:

1. Homework Check:
2. Class Activity:

**\*FRIDAY: High School Field Trip\***

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🡪PRESENTATIONS: Begins May 29 for \*non-APES students\*

\*Must be able to:

1) Explain the development of the design of the quilt to reflect Earth Day 2023

2) Discuss how the project does/does not uphold the ES principles learned throughout the year.

3) Having read the article: “Fast Fashion…” [https://www.nationalgeographic.com/environment/article/chile-fashion-pollution], state 3 ways in which you can minimize your contribution to the “mountain of discarded clothes in Chile’s Atacama Desert” (ie. Personally, innovatively, preventatively/realistically)

HOMEWORK:

* **STUDY**: ES FINAL EXAM – Chapters 10 – 20 🡪 June 13 or 14

**\*Renewable Energy**

**\*Biodiversity**

**\*Land Use & Soil**

**\*Agriculture and Pest Management**

**\*Water Management**

**\*Air Quality**

**\*Solid and Hazardous Waste Management**

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Chapters to review from 5 Steps to a 5:

Ch 5 – Earth Science

Ch 6 – Atmospheric Composition

Ch 7 – Global Water Resources and Use

Ch 8 – Soil and Soil Dynamics

Ch 9 – Ecosystem structure, Diversity and Change

Ch 10 – Natural Cycles and Energy Flow

Ch 12 – Agriculture and Aquaculture

Ch 13 – Forestry and Rangelands

Ch 14 – Land Use

Ch 15 – Energy Consumption, Conservation, and Fossil Fuels

Ch 16 – Nuclear Energy

Ch 17 – Alternative and Renewable Energies

Ch 18 – Pollution Types

Ch 19 – Global Change and Economics

REMINDER**~~:~~**

**(AP) ENVIRONMENTAL SCIENCE 2022-23 FINAL PROJECT**

**EARTH DAY QUILT**

**Repurposing Sustainability**

**PART 1**

**\***Review some quilting sites to determine the best design to encapsulate the theme of “Earth Day” 2023. Please see some below for suggestions:

<file:///C:/Users/msbel/Downloads/QuiltSquareSymmetryProject-2.pdf>

<file:///C:/Users/msbel/Downloads/SymmetryPatchworkQuiltBlocks-1.pdf>

<file:///C:/Users/msbel/Downloads/KaleidoscopeofStarsPDFQuiltPattern-1.pdf>

<file:///C:/Users/msbel/Downloads/QuiltQuandariesBasicquiltsquarepuzzlesforfoamfeltpaperorfabric-1.pdf>

<https://www.husqvarnaviking.com/SiteMedia/Blogs/Sewing%20projects/2023-sewing-projects/Scrappy-Heart-Lap-Quilt_C_1.pdf>

<https://www.pinterest.com/pin/195273333834425791/>

<https://quiltytherapy.com/love-of-scrap-quilts-earth-day-2021/>

<https://www.missouriquiltco.com/blogs/missouri-star-blog/upcycled-fabric-projects-going-green-for-earth-day>

<https://blog.accuquilt.com/celebrate-earth-day-with-eco-friendly-projects>

<https://www.accuquilt.com/go-strip-pizzazz.html>

<https://sew4home.com/honor-earth-day-by-reusing-old-clothing/>

<https://pbswisconsin.org/watch/best-sewing-nancy/quilt-with-carefree-curves-part-two-0ota6s/>

<https://sarahmaker.com/quilt-patterns-for-beginners/>

<https://www.fatquartershop.com/free-quilt-patterns/free-quilt-patterns-for-beginners>

<https://www.thesprucecrafts.com/quilt-patterns-for-beginning-quilters-2821877>

**\***Choose to be in a group of 2 or three from the same “class” as you. Decide on your overall design. Think about the color scheme and “imagery” that will convey the theme of “Earth Day 2023”/

**\***Using the 4” x 4” squares template, draw and color your quilt’s pattern design. Indicate the proportional dimensions you will be using. This 4 x 4 template will act as your pattern guide for the actual quilt.

**\***On the back of the 4 x 4 template, document the materials that you will need, including but not limited to:

sewing materials [thread (color and gauge);

needle (and size];

types of scraps of fabric [think: color scheme, texture, recycling of materials]

the number, types, dimensions, and color of shapes needed [ex. 100 x 3” green triangles; 50 x 6” yellow squares, etc.]

\*Take into account the measurement for the stitch/seam distance**.**