

Computer Literacy:

P6.Create a multimedia presentation about the renewable energy and ecosystem using various media as appropriate (e.g., audio, video, animations, etc.)

Social Studies:

Looking and researching the historical and geographical effect and involvement in the growth of Eco care.

1-Discuss the climate changes and human modifications of the physical environment that gave rise to the domestication of plants and animals and new sources at clothing and sheets.

2-Describe how th

e environment was treated, perceived and used during the Palaeolithic Era.

3-What were the different practices of Eco are around the world?

SCF:

Digital Competence: -access and select information from a relevant number of digital sources.

Problem Solving: -solve different types of problems using a variety of methods, technologies and skills.

Critical Thinking: -solve problems in conventional or innovative ways using their knowledge and understanding.

Creativity: -demonstrate originality and inventiveness in developing ideas.

Math:

6NS1-Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions.

6.NS.2 Fluently divide multi-digit numbers using the standard algorithm.

6.NS.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

6.NS.5 Understand that positive and negative numbers are used together to describe quantities having opposite directions or values; use positive and negative numbers to represent quantities in real-world contexts, explain the meaning of 0 in each situation.

Science:

5-LS2 Ecosystems: Interactions, Energy and Dynamics. Students will be drawing food chain, food web, habitat, photosynthesis

5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers and the environment.

LS2.A: Interdependent relationships in ecosystems. Thy will learn about Competition between organisms.

LS2.B: Cycles of matter and energy transfer in ecosystems.

Key Vocabulary:

-renewable energy, design, movement, eco care, climate changes, sustainable living, global warming, environment, food chain, habitat, cycles.

DT:

To design ecosystem in a bottle To be able to make a plan for designing a model that show the renewable energy.

To be able to make a list of tools they need and start their design.

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Grade 6 Theme. Topic Web 1:

Eco Systems

PE:

Girls will be introduced to individual sports, such as badminton and tennis, where they will learn to correctly demonstrate the following skills:

- Overhand striking
- Weight transfer while striking
- Forearm/backhand striking
- Volleying
- Serving

Textiles:

Use sewing machine to sew pillow case.

ELA:

Reading and Writing Language Week 1-3= Informational writing/ Reading W6.1 and W6.1a- Students create arguments/informational claims to support claims of sustainable living and global warming.

RI6.2-Read and determine central ideas of nonfiction text and provide summaries of theme information.

W6.4- Develop clear and coherent informational writing.

Week 3-6= Research based persuasive writing about humans effect on the environment.

W6.7- Conduct short research projects to answer questions from several resources.

W6.9- Find evidence from informational text S&L 6.1- Engage in collaborative discussions with diverse partners.

Music & Dance:

1.5 Analyze and compare the use of musical elements emphasizing in meter and rhythm.

Arts:

Girls will choose 3-4 Ecosystems of their choice to Illustrate. A combination of Drawing materials will be introduced. The final product will be a 3d dimensional object.