

Take a Walk on the Wild Side
4th Grade
Curriculum Standards
William P. Ridley 4-H Center

Codes: NGSS/TASS:

4.PS1 Matter & Interactions

- Chemistry in the Kitchen

4-PS3 Energy

- Energy
 - Catapults
 - Archery
 - Rockets
 - Zip line
 - Slinkys
 - Go Bots
- Team Building
 - Nitro Crossing
 - Meat Grinder
 - Ky Swings

4-PS4 Waves- Application in Tech. for info transfer

- G.P.S. Signs

4-LS2 Ecosystems: Interactions, Energy, Dynamics

- Forestry
- Wildlife
 - Food chain
 - Food web
 - Too Munch
 - Thicket
 - Build a Beaver
 - Virtual Animal
- Organism Patterns
 - Symbiosis
 - Mutualism
 - Parasitism

4-LS4 Biological Change: Unity/ Diversity

- Wildlife
- Fossils
- Water cycle
 - Sedimentary Rock formation
- Entomology
- Forestry
- Aquatic studies

4-ESS1 Earth's Place in the Universe

- Earth science
 - Erosion
 - Deposition
 - Landscape
 - Practical Solutions
 - Land Forms

4-ESS2 Earth's Systems

- Earth Science
 - Weathering
 - Orienteering
 - Layers of Earth Composition
- Forestry
- Weather
 - Physical Changes in the Earth
- Orienteering

4-ESS3 Earth/Human Activity

- Earth Science
 - Solar Watch
 - Weather
- Global
 - Natural Resources
 - Renewable(non) Resources
 - Human Effect
 - Practical Solutions

4-ETS1 Engineering Designs

- Energy
 - Rockets
 - Catapults
 - Zip line
 - G.P.S.
 - The Inventors Secret
 - Circuits
- Earth Science
 - Erosion
 - Landscapes
 - Environmental Architects
- Special Activities (rockets, Coat hangers, egg drop, Angry birds)

4-ETS2 Engineering, Technology, Science, Society

- Energy
 - Rockets
 - Coat Hangers
 - Jenga Tower Relay
 - Maze Game
- GPS- Find a Clue