

Take a Walk on the Wild Side
5th Grade
Curriculum Standards
William P. Ridley 4-H Center

Codes: **NGSS/TASS:**

5-PS1 Matter/ Interactions

- Chemistry in the Kitchen
 - Saturation
 - Forms of Matter
 - Oxidation & Secret Ink
 - Cookie Cutter Experiment

5-PS2 Motion/ Stability: Forces, Interactions

- Energy
 - Gravitational Zip line
 - Elastic Archery
 - Flight & Design Rockets
 - Junk Drawer cars
- Team Building
 - Nitro
 - Meat Grinder
 - Whale Watch
 - Wire Woosey
 - Balance Boards
 - Trolleys

5-LS1 Molecules to Organisms: Structures/ Process

- Forestry
- Wildlife
- Lichens Exploration
 - Developing Models
 - Analyze
 - Interpret Data

5-LS3 Heredity: Inheritance & Variation of traits

- Adaptations
- Forestry
- Wildlife
- Cells

5-LS4 Biological Change: Unity/ Diversity

- Organism Relationships
 - Genealogy
 - Dependence
- Earth Science
 - Fossils Excavate/ID
- Forestry
- Footprints
 - Natural
 - Human
- Wildlife
 - Oh Turkey
 - Food Chain

- Owl Pellets
- Entomology Relay
- Aquatic Studies- in Bucket
- Spider Man

5-ESS1 Earth's Place in the Universe

- Earth Science
 - Solar System
 - Constellations
 - Rock Cycle
 - Natural Disasters
 - Fossils
 - Weather vs. Climate

5-ETS2 Links- Engineering, Technology, Science, Society

- Global
 - Recycle
 - Reuse
 - Reduce
 - Rosie Revere, the Engineer
 - Disappearing Time Lines
- Energy- Rockets, Angry Birds
- GPS
 - Moon Launcher
 - Viewers
- Special Activities (Rockets, Angry birds, Egg drop, coat hangers)