

Take A Walk On The Wild Side

2nd Grade

Curriculum Standards

William P. Ridley 4-H Center

Codes: **NGSS/TASS:**

2-PS2 Motion and Stability/ forces and Interactions:

- Energy
 - Catapults
 - Car Race
- Team Building
 - Nitro
 - Rope Shapes
 - Band Walk
 - Meat Grinder
 - Whale Watch

2-PS3 Energy:

- Energy
 - Catapults
 - Nitro
 - Slinky Race
 - Battle Bots

2-PS4 Waves/ Applications in Technologies Info-Transfer

- STEM
 - Washer Boards
 - Pitch Pipes

2-LS1 Molecules to Organisms:

- Wildlife
 - Birds and Worms
 - Habitat room
 - Animal Classification
- Forestry
 - Hiking

2-LS2 Ecosystems: Interaction, Energy, Dynamics

- Wildlife
 - Thicket
 - Food Chain
- Earth Science
 - Weathering
 - Erosion
- Forestry
 - Hiking

2-LS3 Heredity: Inheritance/ Variation Traits

- Forestry
 - Hiking
- Wildlife
 - Too Munch
 - Thicket
 - Virtual Animal
 - Habitat room

2- ESS1 Earth's Place in the Universe

- Weather
 - Clouds
 - Water Cycle
- Earth Science
 - Landscape
 - Origins
 - Natural Disasters
 - Water Properties

2- ESS2 Earth's Systems

- Earth Science
 - Erosion
 - Weathering
 - Atmosphere Vs. climate
 - Layers of the Crust
 - Forms of Matter
 - River Runs through Sedimentation

2-ETS1 Engineering Design:

- Earth Science
 - Practical application for human footprints
- Egg Drop
- Jenga Tower

2-ETS2 Links among Engineering, Technology, Science and Society

- Global Trash Lines