



WILDLIFE STATION

IRL Envirothon

March 6, 2024

WILDLIFE STATION

- Each team will be given one test packet at start time
- Total Station Time: 30 minutes
- Each team will be notified of remaining time every 5 minutes, to help gauge pace.
 - » Note: 5 minute warning to wrap up before time is up!
- Please be sure to write clearly
- Don't forget to answer all tie-breaker questions

STATION LAYOUT

- Four Sections (Total 100 pts.)

- 1) **Written** (45 pts.)

- Multiple choice
- Matching
- True/False



- 2) **Oral** (15 pts.)

- Verbal question and answer
- Based on Current Issue = Renewable Energy
- *Each team member must participate in answering*

- 3) **“Demo”** (25 pts.)

- Questions about live, native animals

- 4) **Poster/Map** (15 pts.)

- Gather info and answer questions from a visual aid



WHAT INFORMATION SHOULD I FOCUS ON?

- Basic ecological concepts
- Species Profiles, Managed Species, and Imperiled Species
 - Manatees, caracara, black bears, gopher tortoises, snakes, owls, crocodile, alligator
- Habitats of native wildlife species
 - Biodiversity concepts
 - What type of habitats are various species found in?
- Human impact on wildlife and natural habitats
- Florida Imperiled Species vs. Federally Listed Species (Endangered Species Act)
- Wildlife & Ecology Glossary Terms
- What impacts non-renewable and renewable energy have on wildlife
 - Review “[Current Issue](#)” and focus on
 - Types of non-renewable and renewable energies and their impacts to wildlife (pages 26, 42, 46, 55, 67, 93-94, 173-175, <https://www.epa.gov/radtown/radioactive-waste-uranium-mining-and-milling>)
 - Impacts of switching to solar for Florida species (think about size of solar arrays needed, research the lake effect of solar arrays, what will happen to manatees if power plants go offline)
- Website resources:
 - <http://myfwc.com/wildlifehabitats/imperiled/>

Good Luck & Have Fun!

