



HIDDEN WILD

CURRICULUM FOR MIDDLE + HIGH SCHOOL SCIENCE





This curriculum is the result of an extraordinary partnership between the School District of Palm Beach County, the Department of Environmental Resource Management in Palm Beach County, Day's Edge Productions, and Discover The Palm Beaches. In March of 2020, three students from Palm Beach County schools embarked on a 7-day, 70 mile expedition through the wild and hidden spaces of Palm Beach County. The students were led by science educator and conservationist Alex Freeze as they pedaled, hiked, and bike their way through these secret landscapes right in their own backyards. They were also followed by documentary film production crew from Day's Edge Productions, who chronicled the journey and the transformation of these students' perspectives of conservation and ecology. That film is the basis for the curriculum, which was developed by six Palm Beach County science educators who were also able to experience Hidden Wild through a series of field trips led by Benji Studt and Alicia Anderson from PBC ERM. We hope that these lessons will help many more educators and students experience the breathtaking beauty of Palm Beach County, and understand the need to preserve and protect our Hidden Wild.

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Middle School Lessons

- Lesson 1: Food Webs & Energy Flow - Rachel Kiman
- Lesson 2: Limiting Factors of an Ecosystem - Heather Magill
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High School Lessons

- Lesson 1: Ecosystem Food Webs & Biodiversity - Chelsea Cantwell
- Lesson 2: Succession - Jessica Clawson
- Lesson 3: Waterways and Human Impact - Jessica Zunker





Lesson	Video Short	Teacher Guide
<u>Grade 7 Lesson 1: Food Webs & Energy Flow</u>	<u>Chapter 1</u>	<u>https://youtu.be/XgfnGn_kuGY</u>
<u>Grade 7 Lesson 2: Limiting Factors of an Ecosystem</u>	<u>Chapter 2</u>	<u>https://youtu.be/tvCkr1qPJrQ</u>
<u>Grade 7 Lesson 3: Journey through the Everglades</u>	<u>Chapter 3</u>	<u>https://youtu.be/5kmEdaRayGk</u>
<u>Biology Lesson 1: Ecosystem Food Webs & Biodiversity</u>	<u>Chapter 1</u>	<u>https://youtu.be/O6kkZNveTUU</u>
<u>Biology Lesson 2: Succession</u>	<u>Chapter 2</u>	<u>https://youtu.be/6FIUQiUcSJE</u>
<u>Biology Lesson 3: Waterways and Human Impact</u>	<u>Chapter 3</u>	<u>https://youtu.be/GsctsrPbq_I</u>