



## Hidden Villa Environmental Education Science and Nature Videos Supporting Materials

### 122 – Life in the Air: Adaptations of a Bird

Description: This video shows the adaptations of birds. Can be used for NEXT GENERATION SCIENCE STANDARD 4-LS1-1

**4-LS1-1 From Molecules to Organisms: Structures and Processes**

Students who demonstrate understanding can: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

<p><b>Science and Engineering Practices</b> <b>Engaging in Argument from Evidence</b> Engaging in argument from evidence in 3-5 builds on K-2 experiences and progresses to critiquing the scientific explanations or solutions proposed by peers by citing relevant evidence about the natural and designed world(s). construct an argument with evidence, data, and/or a model.</p>	<p><b>Disciplinary Core Ideas</b> <b>LS1.A: Structure and Function</b> Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.</p>	<p><b>Crosscutting Concepts</b> <b>Systems and System Models</b> A system can be described in terms of its components and their interactions.</p>
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Question on video:

Why do birds fly?

Supplemental Questions:

- What are adaptations that help birds fly?
- What kinds of birds do you see in your neighborhood or school?
- Why can't humans fly?
- What adaptations help humans fly?
- Why do birds spend so much time taking care of their feathers?

Other related videos

- 107 – Deer Ears: Your Very Own Super Power
- 108 – Woodrats: Forest Engineers
- 109 – Six Parts of a Plant and What They Do
- 119 – Horns and Antlers: Useful Tools or Nature's Hood Ornaments?
- 120 – Seed Dispersal
- 121 – Reconstructing a Deer Skeleton
- 123 – Life Without Limbs: Adaptations of a Snake
- 124 – Life on the Prowl: Adaptations of a Fox

Hidden Villa is a 1600 acre wilderness and organic farm located in Los Altos Hills, California.  
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