**Date:** June 10



**Day #:** 21

**Videos:** 1 - 14 **Time:**  12:02 minutes

**Video 1: The chick on the left looks up at the camera. What does it do with its head?** Head bob

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**Kestrels are known to do this so there must be a reason for this behavior. What might be the reason for this behavior?** This is a field mark for identifying kestrels. The head bob might allow them to have better depth perception so that they can locate prey items. Also called triangulation.

**Video 2: What food item is lying on the bottom of the box?** Dead bird

**The chick on the right moves back and looks down twice. What do you see on the back of its head?** Fake eyes. These are called ocelli.

**What does this pattern look like?** It looks like a kestrel face

**Why might this pattern be beneficial to have on the back of the head?** Scare away predators

**Video 3: What do you hear outside of the box?** Crow

**List two things the chicks are doing.** Stretch wings and hop around box

**Video 4: What are the chicks are doing to their feathers? Why?** Preening to keep them in good shape for future flight. Also to remove old “sheaths” and downy feathers.

**Video 5:** **What does one chick do with its wings?** Flaps its wings- hits others

**Why is it beneficial to do this?**  Build up wing strength

**Video 6: What does one chick do when it looks up at you?** Mouth wide open

**Video 7: Watch the chick on the left. What does he do?** Hops around and runs into other chicks.

**Why might he be acting like this?** Restless and bored- wants to get energy out- playful

**Video 8: Male kestrels have blue and brown on their wings. Females have only brown. How many males and how many females do you see?** 4 males and 1 female

**Why are females’ wings lacking the blue color? Infer.** So she can blend in on the nest

**Video 9: The top right chick is wearing something. What is it and where is it on the chick?** A leg band

**How did it get on the chick?** Human placed it there on June 20

**Why would it be important to place these on chicks?** To monitor their movements, determine age

**Video 10: One chick is preening. It looks like it is looking up at you! Why?** Ocelli- fake eyes

**Video 11: One chick is flapping without stopping. Why?** Exercising wings

**Video 12: The chick at the top of the screen keeps moving around. It can’t seem to keep still. Why?** It has lots of energy- it is a young bird trying to release the energy

**Video 13: The chicks are eating on their own now. What do they use to eat? List two things.** Feet to hold the prey down and the beak to rip it apart into pieces

**Video 14:** **The chick at the bottom left stretches its wings. Is it male or female? How can you tell?** Female- brown