from Alex the Parrot: A True Story



1 Irene didn't know it then, but Alex was no ordinary parrot. He was going to make history.

or make history.

■ Inner net Alex at a time when most people thought that shrimlas were that being history to the country that shrimlas were that being history history history that the provided be trained to understand spokwer commands, but none of them could respond with speech. The only exceptions, persons and mymb brists, could peak words and even short sentences, but probably dich'r understand what they were spirity. They were only inhatten; or "perroting," sounds they head—or so most people thought.

<sup>6</sup> But in the winter of 1974, she happened to see a television series about a new science—the study of arrimal language. The shows fascinated her. One was about whales singing; another was about the sounds and gestures that chimpanzees make to each other. Most interesting of all to Irene was a show about birdsong.

© The subject of animal communication drew Irene Ike a magnet. She began finding out everything she could about it. She read about dolphins who were learning to understand words and recognize symbols. She add about chimps and gorillas who were "speaking" with their trainers using sign lancuame.

African greys, with their walnut-size brains, were at the very bottom of the heap: "birdbrains." Nobody was interested in working with them—yet.

There are thousands of bird species. We know now that African grey parrots are among the very smartest. They are also among the most vocal They squawk, they sing, and they love to imitate noises they hear. They co sound like just about arrything.

(1) She knew from her many parakeet pets just how intelligent birds could be. As a scientist, she wanted to prove it.

TESTING, TESTING

Alex and Irene got off to a bumpy start. Alex was frightened and unhappy in his new home in the biology lab. He wouldn't eat or come out of his case.

On his fourth day at the lab, Irene gave Alex an index card. He promptly shredded it with his beak. She gave him another, and another. He shredded

Each time she gave him a card, she would say, "Paper." She wanted him to understand that "paper" meant the stuff he was ripping apart.

17 But did he? It was too soon to tell.

To be a construction of the was do solved used. The capital plant parents. Parrots in capitally learned by imitating their parents. Parrots in capitally learned by imitation, too. But exactly what they learned, and how well they understood it, was self a question. By using a new teaching method with Alex (called the "model-rival" method), lene hoped to find the answer.

when make passed are insude-final? Institution, seem beyond to find the answer.

3 She and a standard assistant would be in front of Asia and pretend to leach each other a word. For example, freen would show the student is always from "the word" may. "I always from "the student would replace the word" may." and freen would hand the object over. The student would hand the object tow. The student would hand the object from the word may." and and then always the key to tense. When Irene responded by again calling it "lay," she would get to hold it.

reward. He aked this "game" and caught on very quickty.

(a) Within a few weeks, Alex was saying "ee" for "key" and "pay-er" for "paper." Next he began labeling materials, such as "cork" and "wood," and colors—"green" and "blue."

<sup>Cooks - green faut up words for his favorite foods all by himself: "nut," "banan," "corn," "grape," "cherry," and "pa," his special word for pasta. He oven made up a word for apple—he called it "banerry," a combination of "banana" and "cherry."</sup>

23 Alex was a great student. And as he learned more words, he lost his shyness. In fact, he turned into a very bossy parrot. He let everybody know what he wanted, pretty much all the time.

Alex made it very clear that he liked to be obeyed. If he asked for a grape and got a banana, somebody was going to end up with a banana

22 Alex got lots of attention, treats, and toys, every day. Yet he still got bored. And he had his own way of showing it.

He would ignore his trainers.

Or throw things onto the floor. 61 Or chew up telephone books.

33 "Alex, what color?"

What matter?

(7) "Alex, what shape" 3 "Ball."

What color?
Blue."

What matter?"

Sometimes he had to take the same test fifty or sixty times. Boring!

(a) Irene knew Alex was bored, but her work with him required repetition. her tests weren't absolutely thorough, they would be dismissed as "unscientific." Worse, her parrot would be called just another Clever Hans.

(32) Clever Hans was a horse who lived in Germany more than 100 years ago. He seemed to be highly intelligent, and people flocked to see him perform

Six minus three? Three taps. Two plus three? Five taps. Hans always gave the right answer.

Wan Couldn't do math after all. But he did understand body language Von Osten's signals were almost invisible, but Hans saw them.

(51) Irene made sure that nobody sent cues to Alex. Many different people tested him. Complete strangers sometimes asked him questions. Even without Irene in the room, Alex got the answers right.

Read the passage about Irene, a scientist who studied an African grey parrot named Alex. Then answer the questions that follow.

from Alex the Parrot: A True Story

by Stephanie Spinner



## PICK A PARROT, ANY PARROT

1 Irene didn't know it then, but Alex was no ordinary parrot. He

This question is a text-based essay question. Your essay should:

- · Present and develop a central idea.
- · Provide evidence/details from the passage(s).
- · Include correct grammar, spelling, and punctuation.

Based on the passage, write an essay to explain how Alex changed as he spent more time with Irene. Be sure to use information from the passage to develop your essay.

In the box below, the total space provided is equal to about one page.

