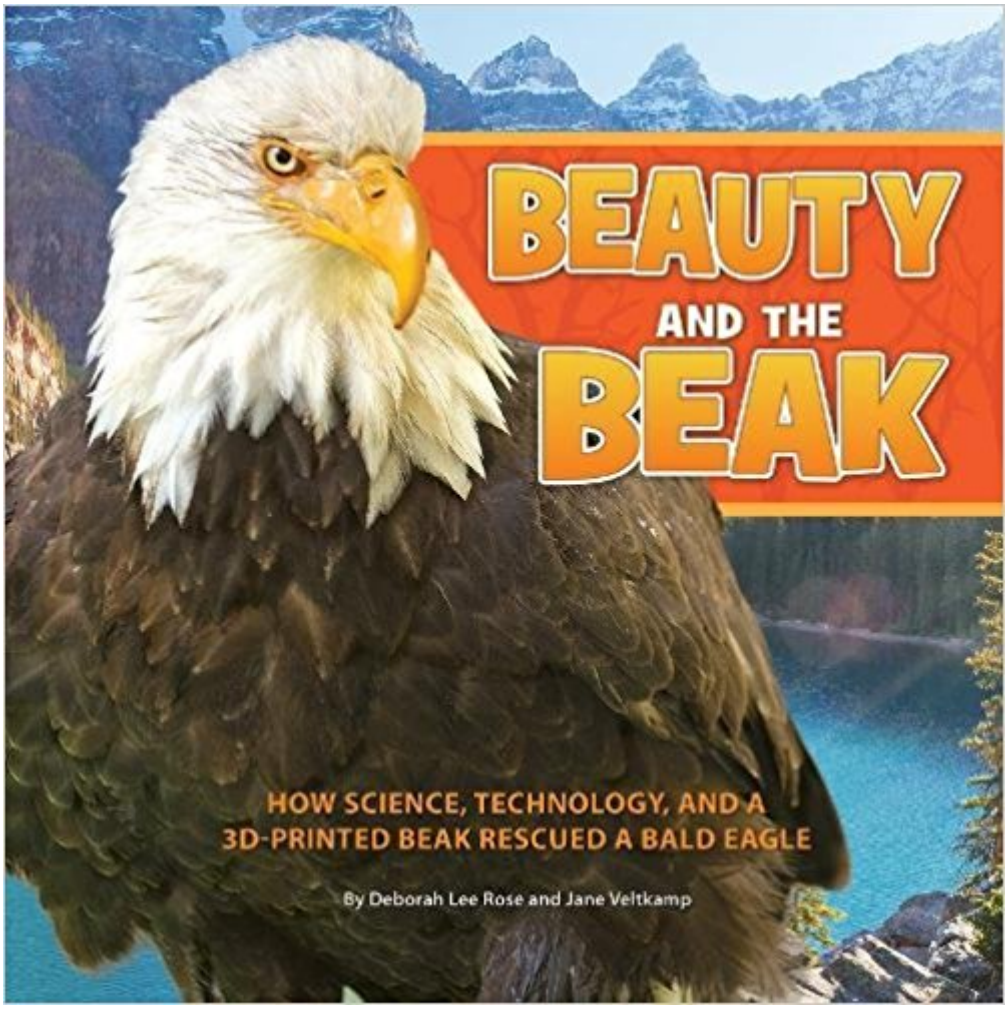
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Beauty And The Beak: How Science, Technology, And A 3D-Printed Beak Rescued A Bald Eagle



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Synopsis

BEAUTY AND THE BEAK is a new, nonfiction picture book about Beauty, the wild bald eagle that made world news when she was illegally shot, rescued, and received a pioneering, 3D-printed prosthetic beak. BEAUTY AND THE BEAK follows Beauty close up from the moment she uses her baby beak to emerge from her egg, through her hunt when she uses her powerful adult beak to feed herself, to the day her beak is shot off leaving her helpless. This brave and heartlifting story continues through her rescue, into the months of engineering her 3D-printed prosthetic beak and intense hours of her beak surgery, to the moment she takes the first drink of water by herself with her new beak.BEAUTY AND THE BEAK captures the spirit and courage of this amazing bird and AmericaÃ¢â ¬â„¢s national symbolÃ¢â ¬â ¢whose species was nearly wiped out by human activity, only to be restored and thriving because of environmental conservation and human compassion. This book will resonate with stories of other animals endangered or in need, and with stories of humans, from young children to military veterans, in need of prosthetic limbs, who are being given new lives with state-of-the-art devices. The book includes expanded information about bald eagles as a top predator species, their near extinction in most of the U.S., their successful reintroduction back into the wild, and efforts to conserve this critical raptor species today.

Book Information

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Best Sellers Rank: #221,249 in Books (See Top 100 in Books) #213 inÃ Â Books > Science & Math > Biological Sciences > Animals > Birds & Birdwatching > Field Guides #285 inÃ Â Books > Science & Math > Nature & Ecology > Field Guides #1080 inÃ Â Books > Science & Math > Nature & Ecology > Conservation

Customer Reviews

Ã¢â ¬Å“There are so many lessons to be learned by the story of Beauty Ã¢â ¬Â¦relevant and inspiring.Ã¢â ¬Â•Ã¢â ¬Å“Three words: 3D. Printed. Beak. Oh, COME ON. You arenÃ¢â ¬â„¢t

impressed? Well check out the backmatter on this book and you will be. ItÃ¢â ¬â„¢s insane!Ã¢â ¬Â• (Elizabeth Bird http://blogs.slj.com/afuse8production/2017/05/03/celebrating-small-publishers-an-array-of-remarkable-2017-titles-from-the-smallest-houses/#_)Ã¢â ¬Å“A heart lifting storyÃ¢â ¬Â¦Ã¢â ¬Â•Ã¢â ¬Å“Offer this heartwarming example of animal rehabilitation to fans of Winter's Tail, by Juliana, Isabella, and Craig Hatkoff (2009), and similar stories.Ã¢â ¬Â•Pull quote: Ã¢â ¬Å“An uplifting tale...Beauty's story and the success of efforts to protect Bald Eagles demonstrate the importance of wildlife conservation. Beauty and the Beak makes these concepts accessible to young readers, and encourages them to grow into environmentally- conscious and responsible adults.Ã¢â ¬Â•

Deborah Lee Rose is an internationally published, award-winning author of many beloved childrenÃ¢â ¬â„¢s books. Her newest book Beauty and the Beak: The Inspiring Story of a Bald Eagle and Her 3D-Printed Prosthetic Beak is a CALIFORNIA READS recommended title of the California Teachers Association. Jimmy the Joey: The True Story of an Amazing Koala Rescue is a Reading is Fundamental/MacyÃ¢â ¬â„¢s Multicultural Collection title and Notable Social Studies Trade Book for Students K-12. Into the A, B, Sea was named to the NY Times 100 Books to Read and Share. Deborah helped create and directed communications for the ALA/AASL award-winning, national STEM education website Howtosmile.org, and helped created STEM activity apps for Lawrence Hall of Science which have been downloaded more than one million times. She also served as Director of Communications for Lindsay Wildlife Experience, which includes the first wildlife rehabilitation hospital established in the U.S. Deborah lives in Walnut Creek, CA, in the San Francisco Bay area and speaks at book events, conferences, schools and libraries across the country. Visit her website at deborahleerose.com.Jane Veltkamp is a raptor biologist and rehabilitator, wildlife educator, trained nurse, and master falconer. She led the team who developed Beauty the bald eagleÃ¢â ¬â„¢s prosthetic beak and has lifetime care of Beauty, on which Beauty and the Beak was based. Jane is founder and executive director of Birds of Prey Northwest, in Idaho, a raptor center which educates the public about raptor conservation, including through live raptor programs, and has provided medical treatment and rehabilitation to thousands of injured birds of prey to return them to the wild. She spent ten years of her career reintroducing ospreys and peregrine falcons to regions where they had disappeared from their habitat in South Dakota and Indiana. She rescues and cares for bald eagles, including Beauty, by permit from the U.S. Fish and Wildlife Service. Jane lives near Coeur d'Alene, Idaho, and is also the eagle expert for the Coeur

d’Alene Tribe’s Native American Aviaries. Visit her website at birdsofpreynorthwest.org.

BEAUTY AND THE BEAK is a narrative non-fiction picture book about the life of an American bald eagle, named Beauty. Fittingly, the book is published by the Cornell Lab of Ornithology. The story takes young readers on a journey that begins with the birth of the protagonist in nest high in a tree. The eagle’s idyllic lifestyle, like her beak, is shattered one day by a hunter’s bullet. A caring policeman, then a wildlife center, help the injured eagle. Eventually she is taken to a raptor center (by one of the co-authors!), and is provided with a 3-D printed prosthetic beak. Young readers will feel empathy for the injured animals, and are given a positive lesson about caring for our fellow inhabitants of Earth.Deborah Lee Rose is an award-winning children’s book author, and her co-author, Jane Veltkamp, is a raptor biologist and rehabilitator. The influence of the latter is clear, as both the story and the end notes (clocking in at an unusually large, but welcome, 16 pages) are jam-packed with information about eagles. The book’s word count and lexile level are relatively high for a picture book, but work well with the book’s science focus.BEAUTY AND THE BEAK is filled with eagle photos from the U.S. Fish and Wildlife Service’s National Digital Library. These are complemented by lovely, subtle background illustrations, giving the book the warm, welcoming feel of a scrapbook.Overall, this is a terrific book to feed your own fledglings, and encourage interest in both nature and becoming a caring person.

Can a 3-D printer save an eagles life? Well of course it can. Readers will delight in this story that follows a female eagle. The Bald eagle is a magnificent bird. This year, 2017, marks the 10th anniversary of this species being removed from the Endangered Threatened Species list.Readers will follow the story of Beauty. Fantastic photos invite readers to see her soar and share her lifeÃƒÂ¢Ã â ¬Ã â„¢s journey from the time she hatched until the moment her life tragically changed. These magnificent photos capture Beauty encountered in battles with other eagles over territory, how she caught fish for food and even what she looked like after being shot. BeautyÃƒÂ¢Ã â ¬Ã â„¢s beak was shattered after a gunshot wound from a hunter. Found by a police officer, she was taken to Janie, a raptor biologist. After some help from a few dentist friends, Beauty had a new 3-D printer beak.Parents and teachers can engage kids with dialogue surrounding eagles, endangered species and science. This true story will inspire students to learn more about helping the environment and endangered species.

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