

## Educator Resources

### **What is Conservation?**

- Conservation Terminology: <https://www.culturalheritage.org/about-conservation/what-is-conservation/definitions>
- Become a Conservator: <https://www.culturalheritage.org/about-conservation/become-a-conservator>
- How to Become a Conservator: <https://www.youtube.com/watch?v=r07b32d2AC8>

### **Feather Collecting and Feather Use**

- Flight of Fashion: When Feathers were Worth Twice Their Weight in Gold: <https://museums victoria.com.au/article/flight-of-fashion-when-feathers-were-worth-twice-their-weight-in-gold/>
- Casualties of Fashion: The Contentious History of Plume Plundering: <https://www.audubonart.com/casualties-of-fashion-the-contentious-history-of-plume-plundering/>
- Hats Off To Women Who Saved The Birds: <https://www.npr.org/sections/npr-history-dept/2015/07/15/422860307/hats-off-to-women-who-saved-the-birds>
- Conservation Topics: Why Your Bird Feather Collection Might Be Illegal: <https://www.storagetwo.com/blog/2018/6/why-your-bird-feather-collection-might-be-illegal>
- Feathers – Finders Keepers? Not Really . . . : <https://www.wisconservation.org/feathers-finders-keepers-not-really/>
- Why The Feather Thief is the Most Bizarre Heist Story You'll Ever Read: <https://www.literaturelust.com/post/why-the-feather-heist-is-the-most-bizarre-heist-story-you-ll-ever-read>
- When Real Men Wore Feathers: <https://www.joh.cam.ac.uk/when-real-men-wore-feathers>
- Let's Look for Bird Feathers!: <https://global.canon/en/environment/bird-branch/bird-column/kids1/index.html>
- Native American Culture: The Use of Feathers as a Protected Right: [https://heinonline.org/HOL/Page?collection=journals&handle=hein.journals/aind2&id=116&men\\_tab=srchresults](https://heinonline.org/HOL/Page?collection=journals&handle=hein.journals/aind2&id=116&men_tab=srchresults)
- Feathers, Fasting, and the Eagle Complex: A Contemporary Analysis of the Eagle as a Cultural Resource in the Northern Plains: <https://www.tandfonline.com/doi/epdf/10.1179/pan.2011.013?needAccess=true>
- Early Accounts of Birds and Feathers Used by the Southwest Indians: <https://www.proquest.com/openview/8a89f80c9294d47cd5efc176e2dff83e/1?cbl=1816471&pq-origsite=gscholar&parentSessionId=28AJhghsOe779ArKQI5IDFx5lO0zbVTagDEAUfDdS2s%3D>
- Real and Illusory Feathers: Pigments, Painting Techniques, and the Use of Color in Ancient Mesoamerica: <https://journals.openedition.org/nuevomundo/1462>

- Introduction: Knowledge of Birds and Feathers in the Ancient and Colonial Mesoamerican World:  
<https://read.dukeupress.edu/ethnohistory/article/67/3/345/166918/Introduction-Knowledge-of-Birds-and-Feathers-in>
- Birds - African Folklore: [https://www.wildlifecampus.com/Help/PDF/Folklore\\_Birds.pdf](https://www.wildlifecampus.com/Help/PDF/Folklore_Birds.pdf)
- Symbolic Feathers: A Catalyst for Protectivism; Ritualism and Spirituality in Traditional Religion:  
<https://www.rsisinternational.org/journals/ijrias/DigitalLibrary/Vol.6&Issue2/115-126.pdf>
- The Egyptian Afterlife & The Feather of Truth:  
<https://www.worldhistory.org/article/42/the-egyptian-afterlife--the-feather-of-truth/>
- The Basket, Hair, the Goddess and the World: An Essay on South Indian Symbolism:  
<https://journals.sagepub.com/doi/pdf/10.1177/039219218803614206>
- Vishnu's Mount: Birds in Indian Mythology and Folklore:  
[https://www.google.com/books/edition/Vishnu\\_s\\_Mount/hoBDDwAAQBAJ?hl=en&gbpv=1&dq=feathers+in+hinduism&pg=PT6&printsec=frontcover](https://www.google.com/books/edition/Vishnu_s_Mount/hoBDDwAAQBAJ?hl=en&gbpv=1&dq=feathers+in+hinduism&pg=PT6&printsec=frontcover)
- The Feathered Being and Its Symbolic Meaning:  
<http://www.kaogu.cn/uploads/soft/Chinese%20Archaeology/11/The%20feathered%20being%20and%20its%20symbolic%20meaning%20in%20Han%20Dynasty%20art.pdf>

### **The Colors of Feathers**

- How Birds Make Colorful Feathers: <https://academy.allaboutbirds.org/how-birds-make-colorful-feathers/>
- More on Feather Pigments: <https://web.colby.edu/mainebirds/2014/12/07/more-on-feather-pigments/>

### **The Structure of Feathers**

- Feather Biology: <https://askabiologist.asu.edu/explore/feather-biology>
- Anatomy: Parts of a Feather:  
<https://www.birdsoutsidemymwindow.org/2010/07/02/anatomy-parts-of-a-feather/>
- Grebes Like Their Meals with a Side of Feathers—Here's Why:  
<https://www.audubon.org/news/grebes-their-meals-side-feathers-heres-why>

### **Deterioration of Feathers**

- Caring for feathers, quills, horn and other keratinous materials:  
<https://www.canada.ca/en/conservation-institute/services/preventive-conservation/guidelines-collections/feathers-quills-horn-keratinous-materials.html>

### **The Care and Preservation of Feathers**

- Conserving and Cleaning Feathers Tutorial:  
<https://www.youtube.com/watch?v=mcZqmhxLVnM>
- Feathers: Better Than Velcro?: [https://today.ucsd.edu/story/feathers\\_better\\_than\\_velcro](https://today.ucsd.edu/story/feathers_better_than_velcro)

## **Fun Feathers Activities**

- Cyanotypes: <https://www.kararosenlund.com/2020/05/how-to-make-artful-cyanotypes/>
- Structural and Interference Color Bookmarks: <https://www.cei.washington.edu/lesson-plans-resources/rainbow-bookmarks/>
- Experiments with Structural Colors in Peacock Feathers: <https://stemazing.org/peacock-feather-engagement/>  
<https://www.scientificamerican.com/article/natures-color-tricks/>
- The Effects of Oil Spills on Feathers:  
<https://media.nationalgeographic.org/assets/activity/assets/birds-feathers-and-oil-1.pdf>  
<https://www.nationalgeographic.com/animals/article/oil-spill-bird-rehabilitation-advances>
- Making a Quill: <https://www.library.illinois.edu/rbx/2020/02/12/making-quills-part-1-curing/>  
<https://www.library.illinois.edu/rbx/2021/03/30/making-quills-part-3-cutting-the-quill/>  
<https://www.youtube.com/watch?v=6UGYIEVq1AQ>

## **Additional Resources**

- Everything You Need to Know About Feathers: <https://academy.allaboutbirds.org/feathers-article/>
- 20 Amazing Facts About Feathers: <https://www.treehugger.com/amazing-facts-about-feathers-4863989>
- Cruelty-Free Feather Retailer: <https://www.moonlightfeather.com/cruelty-free-feathers/>
- Linking Nature and Culture-Smithsonian: <https://naturalhistory.si.edu/education/teaching-resources/featured-collections/linking-nature-culture>