

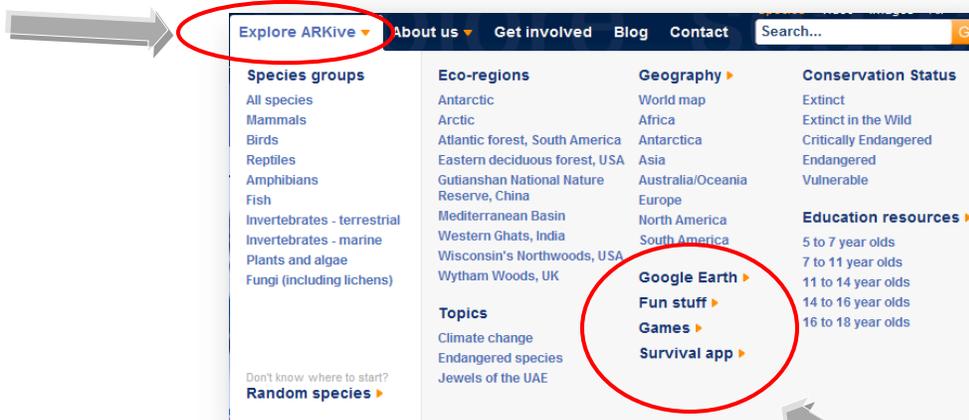
Website Description: ARKive is the world’s centralized collection of wildlife images and films which may be used free of charge for educational purposes. Launched in 2003 by Sir David Attenborough, it is a fantastic set of educational images of over 19000+ threatened species.

Like a modern-day Noah’s Ark, ARKive has prioritized work on the animals, plants and fungi currently threatened with extinction in the hopes of saving them from this fate. The core objective is to create a comprehensive audio-visual record of the world’s rare and threatened species to promote the public understanding and appreciation of the world’s biodiversity, and the need for its conservation, through the power of wildlife imagery.

ARKive allows users to explore these species, find out why they are in trouble and understand why we should care.

Ways to use this website:

1. Video clips can be easily downloaded and integrated into lessons.
2. There are a variety of ways to access materials, you can explore by species group, eco-region, geography, conservation status or topics by age group.



3. Fun stuff includes games, e-cards, origami, animal masks and more.
4. Check out the downloadable game app called “Survival” for iPad or Android devices:

Race against the clock in a battle for Survival! Tap, drag, scroll, swipe and pinch your way through a series of quick-fire mini-games to reveal the identity of some of the world’s most endangered animals. Packed full of stunning photos, this fun educational app tests speed, agility, endurance and intelligence, essential skills needed to become a Top Survivor.

Standards Correlations: This is not intended to be an exhaustive list, but a sampling of state and national standards that the site may be used for.

AASL Standards for the 21st-Century Learner

2.1.4 Use technology and other information tools to analyze and organize information.

2.4.4 Develop directions for future investigations.

3.1.2 Participate and collaborate as members of a social and intellectual network of learners.

3.3.4 Create products that apply to authentic, real-world context.

Nebraska Language Arts Standards

LA K-12.4 Students will identify, locate, and evaluate information.

LA K-12.4.1 Students will research, synthesize, evaluate and communicate information in a variety of media and formats (textual, visual, and digital).

LA 4-12.4.1.b Demonstrate ethical and legal use of information by citing sources using prescribed formats and tools (e.g., online citation assistance, publication guidelines)

Nebraska Science Standards

SC K-12.1 Comprehensive Science Standard – Inquiry, the Nature of Science, and Technology: Students will combine scientific processes and knowledge with scientific reasoning and critical thinking to ask questions about phenomena and propose explanations based on gathered evidence.

SC K-12.3 Comprehensive Science Standard – Life Science: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.

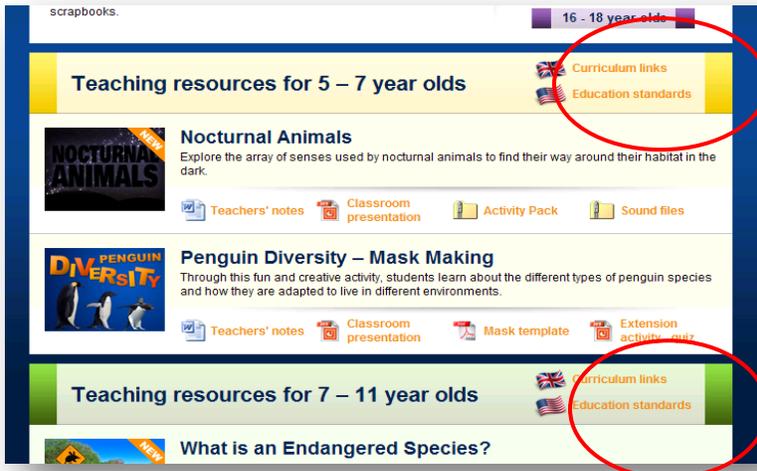
Other Subject Area Standards

These will vary according to grade level and assignments.

Curricular Connections: Students can access and use information and images for this site to enhance projects in many subject areas including **science** -- from discovering new species to understanding adaptation, from exploring the world's most threatened habitats to producing your own food webs., **geography, English** -- for creative writing exercises, **computer technology, drama, art** -- and to inspire poetry or art assignments, to **history** and geography.

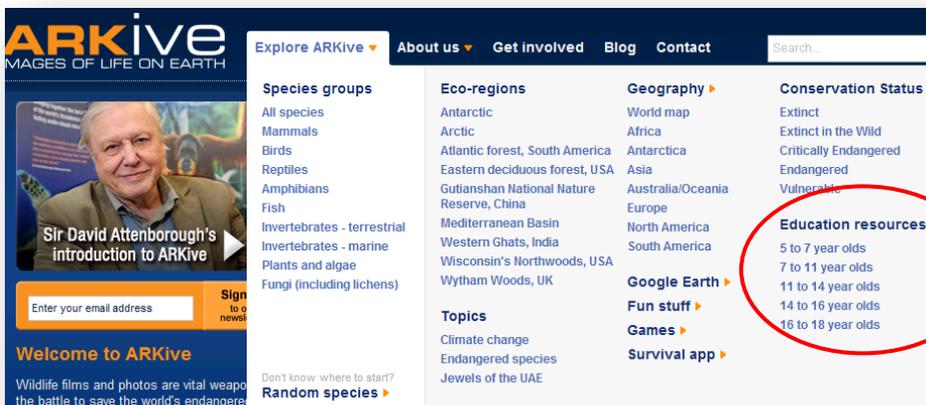
Tip: Incorporate the site's educational materials into lesson plans, presentations, work sheets, projects in hard copy or digitally to engage students in key science and biology topics, or use as creative inspiration for art and design projects.

All lessons in the ARKive site are linked to content standards that can be easily aligned to state or local standards.



Embedded Librarian Tips: Embedded librarianship means working with students, teachers, and the community 24/7 by making rich resources on real-world issues available and meaningful for patrons. It is enhancing information literacy and technology instruction by becoming an essential partner in teaching students. What better way to provide up-to-the minute information on real work issues using technology to teach and enhance information literacy and technology skills than a Web 2.0 tool such as ARKive?

1. Imagine student creating PSAs on endangered species using the site and embedding video in announcements that can then be aired via the school's televised announcements. (AASL Standards 2.1.4, 3.1.2, 3.3.4 and NE Standards LA 12.4.1). The librarian can assist students with site navigation and product creation as well as offer research tips and feedback prior to project deadlines. It's also a way of communicating with the instructor about the payoffs and pitfalls of a project and working as a team to enrich and expand the research experience.



2. Use the education resources for age appropriate materials and lessons that can be accessed at the point of need.

3. Subscribe to mailing list for monthly newsletter filled with ideas and activities.



4. Teaching Resources include lesson plans, activities, games, worksheets, PowerPoint's and more...



5. Site navigation is straightforward and easy to use. While there is no **help** feature, the bottom of each page does contain a link for frequently asked questions.



6. Users can create an account using the MyARKive link to access to a scrapbook feature that enables them to organize all their favorite ARKive images and videos and share them with others (AASL Standards 2.1.4, 2.4.4, 3.1.2 and NE Standards LA 12.4.1).

Potential Pitfalls – Minimum specifications of computer required to play ARKive videos: Computers purchased new within the last 4 years should be able to play the ARKive videos. Many earlier machines should also be able to play the ARKive videos satisfactorily.

Additional Resources:

[Arkive - Great Videos, Images, and Lesson Plans about Animals and Plants](#)