



TREASURES IN EDUCATION





## GUIDED PROJECT-BASED LEARNING

Project-based learning is a flexible curriculum planning tool through which students acquire knowledge and skills by working for an extended period to investigate real-life causes and challenges. Students research, analyze, apply information, design, share ideas, and experiences with their peers to develop skills for the 21<sup>st</sup> century under the guidance and mentoring of skilled educators.

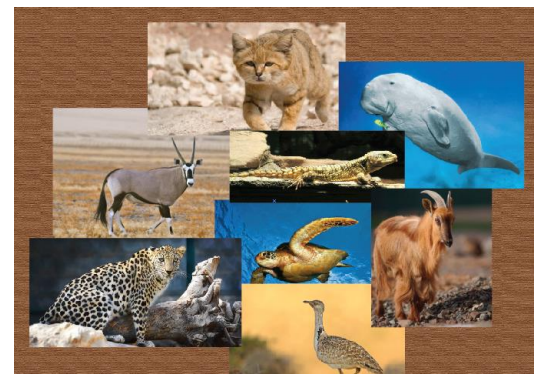
This curriculum programme which is a blend of Place-based learning and Project-based learning is about the **Endangered Species in the UAE**.

Using this curriculum programme can be highly beneficial to your school. Students develop organizational and research skills, self-directed learning skills while they gain knowledge of a topic in great depth thereby enabling them to become lifelong learners.

This programme aims to enhance the **national identity** of Emirati students and encourages expatriate students to learn about the UAE. By integrating the **National Identity** and **Environmental Sustainability goals** of the UAE into the school curriculum, this programme provides opportunities for students to interact with the Emirates Environmental Group/Zayed International Foundation for the Environment.

A student explores many fields to build his/her portfolio and learns about various domains of the Endangered/Vulnerable Species of the UAE

The learning through this programme is interdisciplinary and is implemented through the pedagogy of inquiry-based learning, experiential learning, and the 6C's of education - creativity, collaboration, critical thinking, communication, citizenship/culture and, character education/connectivity. Activities are differentiated and Assessment for learning strategies is also used. Being a flexible programme you can use your creativity to link it with any formal subject in your school curriculum. Encourage students to compare and contrast the endangered species of the UAE in a global



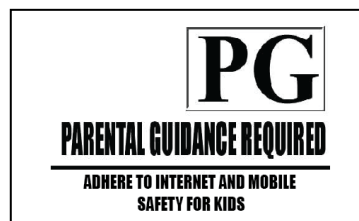


context. For example: if students are learning about the sand cat they could research the conservation status of sand cats in the world.

As residents of the UAE, we all have a responsibility to protect our nation's wildlife, fish, and plants on the brink of extinction. Through this programme, students explore many different modes to help raise awareness about the endangered species.

In each new grade the student's ability to learn as well as expertise about **the Endangered/Vulnerable Species** increases and improves. They learn to use various digital tools that they can use in their day to day learning of subjects in the formal curriculum. The tasks can be completed manually or by using digital tools. Some of the activities in this program are group activities that help develop collaborative skills. Students hold group discussions as well as whole-class discussions and become confident learners. They can share their thoughts with other classes in the school. Their portfolios can be presented in the school/local/national/global community. As educators, most of you must have experienced by now that when you connect the learning of formal subjects to the UAE the learning becomes very engaging and effective.

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Parental guidance is recommended while the child is using the Internet for research. Use [Kiddle.co](https://www.kiddle.co) a safe visual search engine for children to research topics.

I hope this innovative program helps students to visualize and explore new dimensions in learning as a lot of care and thought has been put into crafting it.

Faby Charles



## References

- Wikipedia
- UAE Interact
- [www.arkive.org](http://www.arkive.org)
- The National UAE
- Zayed International Foundation for the Environment

