

i2P Education

EDUCATION RESOURCE

- Biodiversity -



Amazon
October 2010

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i2P Education is an adventure based learning program provided free to schools and students by the non-profit organization impossible2Possible (i2P)

impossible2Possible believes that learning can be made more meaningful by placing it in the context of extraordinary experience.

Using interactive internet technology and enlisting the active participation of students i2P Education takes experiential learning to the field by tying traditional curriculum to adventure. i2P has now provided a free interactive education resource to thousands of students from five countries using the fertile stage of expeditions to Antarctica, Northern Canada, Siberia and North Africa.

Amazon - October 2010

Following in the footsteps of successful expeditions to Baffin Island and the Sahara Desert, four youth ambassadors will be joining an i2P expedition team as it treks through the Amazon Basin in October 2010. Using internet technology the i2P team will communicate live from the Amazon to participating students around the world. Students and teachers will once more have the opportunity to post questions to expedition members both through live video-conferences from the field and through e-mail. Complementing this live communication will be a rich i2P education resource complete with education modules, blogs, topical questions and class exercises.

Expedition Curriculum

2010 has been declared the International Year of Biodiversity. In order to highlight the year, i2P has designed an expedition to focus on the importance of the many millions of distinct life forms found on Earth today. Biodiversity is often used as a measure of the health of an ecosystem, and by extension, of life on Earth. In the form of education modules, interactive website activities and communication from the expedition team as it passes through the Amazon Basin the education resource will address the following topics:

VARIETY - THE SPICE OF LIFE

An introduction to the concept of biodiversity and its central role in world health.





EVOLUTION - THE GROWTH OF SPECIES

The Biodiversity found on Earth today is the byproduct of 3.5 billion years of evolution.

HOLOCENE EXTINCTION - THE BIG KILL

The rate at which species are dying and threatened by human activity is accelerating and it has been argued that the present rate of extinction is sufficient to eliminate most species on the planet Earth within 100 years.

BIODIVERSITY & HUMAN HEALTH

How the diversity of life forms and ecosystems has a direct impact on human health

DISTRIBUTION OF LIFE

The diversity of life forms on Earth is not equally distributed, with greater diversity occurring in 'hot spots' such as the Amazon Rainforest

WOLF AT THE DOOR - THE THREAT TO BIODIVERSITY

The many threats to Biodiversity

THE GLOBAL VILLAGE - THE LOSS OF THE EXOTIC

How the shrinking of the world and travel are posing a threat to Biodiversity

SHORT TERM GAIN, LONG TERM PAIN - GENETIC ENGINEERING

How the creation of super species of plants and animals is threatening the welfare of the world

HOPE - THE REKINDLING OF LIFE

Strategies to preserve Biodiversity

Registration

Schools interested in registering for the i2P Amazon Expedition are asked to contact:

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About i2P

Impossible2Possible is a 501c3 non-profit organization dedicated to inspiring, educating, and equipping a generation of global problem solvers to achieve extraordinary acts in environmental and human sustainability. We achieve our mission by directly involving youth in extraordinary expeditions, communicating the experience of these expeditions to a larger student audience through our web-based education program, and through a school lecture series and i2P youth camps. i2P has staged successful education based expeditions to the South Pole, Baffin Island, Siberia and the Sahara Desert. For more information please see our website (www.impossible2possible.com).

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“Bringing the World to your Classroom”