



## **SOUTH POLE QUEST - EDUCATION PROGRAM**

**The South Pole Quest expedition team is set to begin on December 1 2008 (weather permitting) from Hercules Inlet on the Ronne Ice Shelf. Once the expedition team members set out their progress will be monitored on a daily basis. Mirroring the progress of the expedition will be daily web based education modules that complement the experiences of the expedition team and reflect the history and science of the Antarctic continent. This education program is available free to anyone on the I2P website.**

**To enhance educational opportunities I2P has chosen to set the South Pole Quest educational program in a historical context. The Norwegian and British expeditions that brought the first human beings to the South Pole in 1912 - 1913 have been chosen as the historical focus. Juxtaposing the successes and failures of the Amundsen and Scott expeditions to the experiences of the I2P team some 95 years later will provide an excellent opportunity to reflect upon the advances in science and technology, and the changes wrought in the world by human activity.**

**Amundsen and Scott opened the Antarctic continent to generations of explorers and scientists. The continent is now home to fifteen active research stations operated by nine nations. Antarctic research has played a central role in many branches of science, providing seminal evidence that has helped prove theories of geomorphology, and establish the relationship between human activity and global warming. The South Pole Quest education program will examine these issues in addition to many others pertinent to the expedition and Antarctic research.**

## **EDUCATION MODULES**

**During the course of an expedition educational modules are made available daily on the I2P expedition website. These modules will relate to the observations and progress of the expedition team and the specific scientific, historical and cultural issues pertinent to the day's activities and the terrain over which the expedition team is passing.**

**Examples of education modules designed for the South Pole Quest include the following topics: greenhouse gases and Antarctic ice core samples, plate tectonics and Antarctic dinosaurs, human physiology as it relates to the death of Robert Falcon Scott, fossil records in the Antarctic, sleep cycles in a land without nighttime, the lessons of traditional knowledge employed by Roald Amundsen, and many more.**

Education modules can be integrated with or be an adjunct to school curriculum. They are designed to take only a few minutes to review and afford further links to the topic in question.

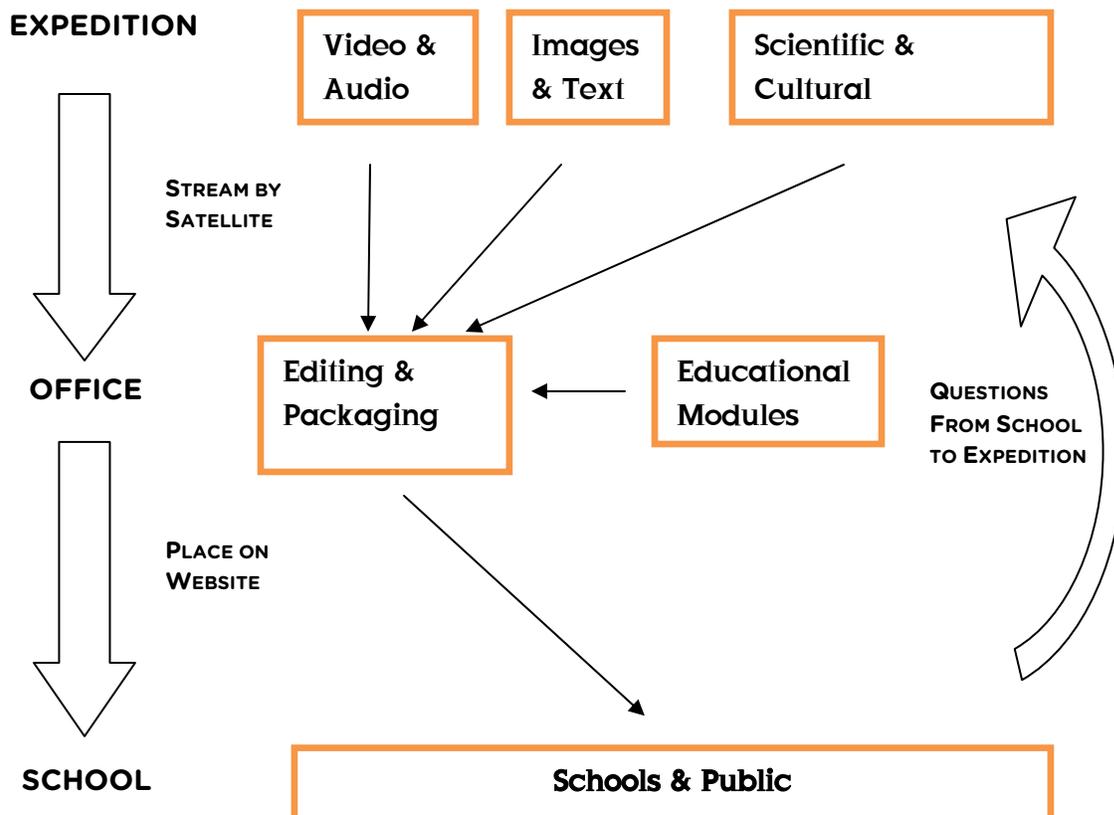
INTERACTIVE TECHNOLOGY

I2P employs interactive satellite technology that allows schools to direct questions to expedition members in the field. Responses to these questions are posted daily in the expedition blog.

METHOD

The goal of I2P is to deliver meaningful experiential learning to students of all ages. This is achieved by enlisting world class adventurers to undertake remarkable journeys to remote corners of the globe and linking their experiences to an education curriculum. The I2P educational staff will highlight the historical, cultural and scientific issues pertinent to the location and progress of the adventure as it unfolds. These educational modules could take the form of examining the evidence of climate change evident in the land being traversed, focusing on the history and culture of the local peoples, or learning how to diagnose and treat an injury sustained by one of the I2P expedition team. Using satellite and solar technology the expedition team will stream back images, audio and text from the field to an interactive website that will be available free to all learners. In turn students will have the opportunity to forward questions to the expedition members in the field.

Figure 1: Flow of Information - I2P Educational Program



## **EDUCATION PARTNERSHIPS**

**I2P welcomes partnerships with educational and philanthropic organization interested in developing and evaluating programs in experiential learning.**

**For the purpose of the South Pole Quest I2P is focusing on developing education material that is appropriate for high school level learners. The students and staff of schools registered as an I2P partner will be entitled to communicate with the I2P staff and expedition team. The expedition team will also be carrying the banners of participating schools to the South Pole for display upon arrival. Participating students and staff will be asked to complete a post expedition education resource survey that will assist I2P to evaluate and improve the education resource for future expeditions (for a list of upcoming expedition please visit our website: [www.impossible2possible.com](http://www.impossible2possible.com)).**

## **REGISTER AS AN I2P EDUCATION PARTNER**

**Schools and institutions of higher learning interested in partnering with I2P for the South Pole Quest can register at the following link:**

**[http://www.surveymonkey.com/s.aspx?sm=dM\\_2bdF1r7WdZ0wcv2YV9g9g\\_3d\\_3d](http://www.surveymonkey.com/s.aspx?sm=dM_2bdF1r7WdZ0wcv2YV9g9g_3d_3d)**

**Or can please contact the I2P Scientific & Education program director (see contacts below).**

**Once you have registered an I2P staff member will contact you**

## **FUTURE EXPEDITIONS**

**I2P is interested in forming partnerships with educational institutions in order to develop specific content, or set adventures or quests that will complement a specific curriculum. Please contact us if you are interested in exploring the possibility of establishing an adventure that is tailored to your location, curriculum or educational needs.**

## CONTACTS

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## ABOUT IMPOSSIBLE2POSSIBLE

**Impossible2Possible (I2P) is a charitable not for profit organization that uses the theater of adventure to build a unique and meaningful learning experience.**

**For more information please visit our Website [www.impossible2possible.com](http://www.impossible2possible.com)**