Creative Partnerships

Dr Renee Beale
Dr Heather Gaunt
Dr Ryan Jefferies
The Ian Potter Museum of Art exploration guide app

www.ianpottermuseum.com/float

Download onto your Android device, or use Potter phones available at the Front Desk.
Please leave your student card or other ID with Front Desk staff as security when borrowing Potter phones.

We are keen to have your feedback via the Float evaluation, available at the Front Desk.

This is an Academic Programs Unit project
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SCIE20001 Thinking Scientifically
A wholly online undergraduate subject in the Bachelor of Science

OBJECTIVES
To introduce a wholly online undergraduate subject to teach students the fundamentals of the scientific process.
To provide an appreciation of the principles and breadth of science and help develop students’ critical thinking in science and to appreciate and evaluate science in the wider community context.
To gain experience in developing and delivering a wholly online subject.

WHAT DID WE DO?
SCIE20001 Thinking Scientifically was delivered for the first time in Semester 2, 2014 to 211 students, which was far in excess of the expected enrolment.
The subject was delivered entirely via the LMS, including provision of content, and submission and grading of assessment tasks.
The content was designed and produced entirely by the team assembled for the subject, and included videos and links to other resources. We delivered 41 individual videos with a total run time of 667 minutes, in addition to other information and resources.

HOW DID WE DO IT?
We designed a modular curriculum, with each team member responsible for developing and producing the content for a module.
Videos were mostly self-produced in the the Learning Environments self-recording studio in the Illawarra Library, or on personal laptops using Screenflow.
Vimeo was used as the video hosting site – this worked seamlessly.
A dedicated project facilitator looked after all video upload, LMS configuration, and technical troubleshooting - this was absolutely necessary.

SOME STATS
Of the 211 students enrolled, 205 completed the subject and passed.
Videos were watched 10,062 times, an average of 249 views per video.
The class blog was viewed 6,500 times.
Videos were viewed from 19 countries.

STUDENT FEEDBACK
"thank you for running this subject, it’s the most engaging subject science elective/breadth that I’ve had!"
"I really enjoyed discovering the scientific method, it has helped me immensely with decision making and general problem solving skills."
"Please run this subject next year, I think a lot of people really enjoyed it."
50% of the students indicated that they would not have taken the subject if it was not wholly online. Uniqueness of study options was a critical determining factor.

THE TEAM
Andrew Dinnan (School of Botany, Project Coordinator)
Jenny Martin (Department of Zoology)
Heather Grant (Barrett Centre of Arts)
Eve Finch (Department of Mathematics and Statistics)
Ivan Goren (Department of Mathematics and Statistics)
Bad Botsman
Charles Robin (Department of Geosciences)
Bence Paul (Department of Earth and Atmospheric Science)

We would like to thank Catherine Manning for advice and assistance with LMS, and Ben Everidge and Eliseon Wall for facilitating access to the Learning Environments self-recording and filming studios.

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Usa - Anishinaabe
Wisconsin, United States
Moccasins
late 19th century
deerskin, cloth, braid, glass beads
A 9.5cm (H) x 9.5cm (W) x 26.0cm (D)
B 9.0cm (H) x 9.5cm (W) x 25.5cm (D)
The Leonhard Adam Collection of International Indigenous Culture, the University of Melbourne.
1960.0543.000.A.000.B
Illuminated
through the prism of chemistry