

IMMERSIVE BIOLOGY IN THE ALIEN ZOO

A Dreamscape Learn Software Product

What is Dreamscape Learn?

Dreamscape Learn is a collaborative venture between *Dreamscape Immersive* and *Arizona State University*. Its mission is to merge the most advanced experiential pedagogy with the entertainment industry's best cinematic storytelling to deliver unique virtual reality and 2D labs and full course experiences which are efficacious, scalable, and emotionally engaging.

What is Alien Zoo?

The Alien Zoo is a fully immersive digital environment created by Dreamscape Immersive CEO Walter Parkes and famed director Steven Spielberg, which imagines a space-based sanctuary for the endangered species of the galaxy. It provides the context for Dreamscape Learn's first higher education content product: a series of six immersive experiences designed to take the place of conventional lab work for Introductory Biology.

How Does It Work?

Within each module, students are able to engage first-hand in lab activities designed to fulfill the learning objectives of conventional introductory biology labs. All experiences are developed to deliver a rigorous set of higher education learning outcomes utilizing ASU pedagogical guidance, and will come with learning materials designed to integrate the lab modules into any university level introductory biology curriculum. A secondary school version will be available in 2022.

How Effective is it?

In efficacy testing of over 90 students through ASU's Action Lab, Alien Zoo led to an 18% increase – equivalent to a two letter-grade improvement – in subject mastery after a single one-day session.

How is Alien Zoo delivered?

Alien Zoo can be delivered in 3D through a Dreamscape Haptic Pod and in 2D through a standard desktop or laptop. Colleges and universities can acquire equipment to deliver 3D experiences on their campuses or 2D experiences online.

What does it cost?

We are currently working on pricing models, but we anticipate that pricing would be similar to lab fees typically charged in university biology programs. Fees for our pilot institutions may be as low as \$100-\$200 per semester.

How can I get involved?

We are preparing for a beta launch of Alien Zoo at Arizona State University in 2021-2022, with additional pilot sites to follow. To learn more about how you or your university can get involved, please sign-up at <https://www.dreamscapelearn.com/>

