



What is BioDive?

BioDive is an NGSS aligned immersive dual virtual reality/digital experience where middle school students are marine biologists investigating the delicate ecosystems of venomous marine snails. Throughout their expedition, students observe, discover, and hypothesize about abiotic and biotic factors that impact marine biodiversity.

Concepts taught: Nature, Ecosystems, Marine Biology, Scientific Investigation, Producers/Consumers, Conservation, Energy Pyramid

BioDive Features

- 4 WebVR/VR experiences accessible on any web-enabled device
- 20 page digital science journal
- Real-time Educator dashboard to monitor progress and provide feedback
- Can be used remotely or in person
- Synchronous or asynchronous

Meets NGSS Performance Expectations

MS-LS2-1: Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.

MS-LS2-4 Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.

To see all the performance expectations BioDive meets, please check out our [BioDive: Lesson Guide!](#)

How can I get BioDive for my school?

Use ESSER/CARES funds to purchase BioDive to help with learning recovery and acceleration!

Reference a full list of allowable uses in question 28 of this [guide](#).

Allowable uses for BioDive:

1. Activities that support federal requirements, including ESEA; Title I, II, III, and IV; and IDEA
4. Activities for low-income students, students with disabilities, or minority students
9. Edtech software to support educational interaction between teachers and students
11. Summer school and after-school summer programs for low-income students, students with disabilities, or minority students

Testimonials

"The students were very engaged and it was the first time for many of them to learn with these tools. The digital journal was great and I felt the level of detail was appropriate."

Lisa W. Plainwell Middle School

"The content was excellent!"

Nikita N. Stayton Middle School

"The kids loved it. Really liked the dive, really like the investigation. Really engaging. Asked first thing every morning if they were going to dive today."

Virginia B. Winslow Junior High School

Places you may have seen Killer Snails:



About Killer Snails

Killer Snails created award winning immersive game and virtual experiences. KS is a certified MWBE small business based in NYC.

Using easily accessible technology, Killer Snails encourages the next generation to pursue STEM by experiencing unique scientific narratives and meeting a community of diverse scientists.