

Distance Learning with the Seacoast Science Center



About the Seacoast Science Center

The Seacoast Science Center is an informal environmental science education institution located in historic 135-acre Odiorne Point State Park, Rye, New Hampshire. The Center achieves its mission to *create connections to nature through personal experiences* through exhibits and programs.

With seven distinctly different habitats just outside the Center's door, and a diversity of live animals that inhabit the aquaria and terraria, our educators are prepared to deliver an array of unique programs.

The Center has been offering distance learning programs since 2006. The addition of the new Gregg Interactive Learning Studio has made the Center a full-service content provider of innovative, high-quality distance learning experiences.

Gregg Interactive Learning Studio

The Gregg Interactive Learning Studio has full high speed (T1) internet access. The 1,344 square foot studio is equipped with three high-definition projectors with three abutting 10-foot projection screens and 5.1 Dolby surround sound. Eight mobile tables are equipped with four touch-screen computers to accommodate 32 participants.

The Studio is equipped with a dedicated green screen production booth. The presenter's station is designed to let our instructors shift from one media to another seamlessly. The station is also equipped with document and microscope cameras, and a built-in aquarium.

Content Options

Whether you choose one of our popular ready-to-roll programs, or a program designed to meet your specific needs, your students will always remember their exciting distance learning experience with the Seacoast Science Center. All programs align with National Standards and include hands-on activities.

The American Lobster

Learn all about the life and times of New England's iconic crustacean, *Homarus americanus*.

Horseshoe Crab Program

Discover why this creature is not a crab at all and why it has remained unchanged for over 200 million years!

Coastal Creature Adaptations

We'll uncover the "secrets" of rocky shore ecology as we observe rocky shore animals in their natural habitat.

Cost for a 1-hour distance learning program is \$150. Custom program costs vary. For more information on the programs listed above and custom distance learning options, please contact:

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Technical and Studio Specifications

- T1 Internet access with Internet 2 capacity and ISDN
- Polycom VSX8000 codec for the highest quality video conferencing
- Multi-point conferencing that allows multiple sites to participate
- 6 in-studio cameras provide imaging from a wide variety of angles
- PowerPoint through video conferencing capability
- Video server and library of still images and video
- Built-in aquarium at the presenter's station
- Microscope-camera with projection capability
- Green screen capability

Connection Requirements

- Internet, Internet2, or ISDN (dial in only) with minimum 364K connection speed
- Polycom, Tandberg, or similar video conferencing unit that supports H.263 or H.264 video compression standards



Seacoast Science Center

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