

A Sunken Ship - FACETS Module 2.8 Teacher Version

In Activity 1, your students model what they think the ocean looks like where the ship sank.

The Introduction sets the scene for the investigation of the cargo on board a ship that sank in the Atlantic 50 years ago.

The Big Question provides background information for your students on sunken ships in general, and salvaging questions in particular.

Activity 2 gives your students the opportunity to investigate the compressibility of gases and the noncompressibility of liquids. They will use this information to determine the fate of the fuel barrels on board the ship.

In Activity 3, you and your students will be setting up several investigations that demonstrate what happens to metals under the sea.

Activity 4 allows your students to use the financial pages of the newspaper to determine the value of the precious metals on board the ship.

In Activity 5, your students pull all of the information from the previous activities together to prepare a proposal for salvage to a funding agency.

Activity 6 is the presentation of the proposals to the funding agency's representative.

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The three Looking At sections contain background information that will help to enhance your students' understandings of ship layout, the chemistry of corrosion, and the technology used in undersea explorations.