

Problem Scenario: Design a Submersible

Read the problem scenario below.

Design a manned submersible vehicle that can carry two people to the abyssopelagic zone of the ocean. Plan a dive to study life at those depths. You will need to identify a dive location, and design a vehicle that can function successfully, as well as capture media of deep-sea life.

Problem

- Design a submersible that can carry two people to the abyssopelagic zone and study life at those depths.

Constraints

- Vehicle must be able to travel to and be operational in the abyssopelagic zone of the ocean.
- Vehicle must be able to return safely to the surface.
- Vehicle must be able to film life forms in the abyssopelagic zone.
- Vehicle must be able to safely carry two people.