

WWW Dive Activity

Learning Objectives: Identify and describe the function of basic scuba diving equipment. Understand the weight and physical demands of scuba gear. Explain how divers manage buoyancy and safety underwater.

Materials

- Scuba tank (empty or filled with compressed air)
- Buoyancy Control Device (BCD)
- Regulator and hoses
- Dive mask, snorkel, fins
- Weight belt with sample weights
- Dive computer or depth gauge (optional)
- Scale (to weigh gear)
- Dive log sheets
- Safety cones or mats for gear setup
- Gloves (optional for handling gear)

Station Setup

Create a hands-on station with gear laid out on a table or mat. Label each item clearly.

- Touch & Explore Zone: Students handle gear and try on select items.
- Weigh-In Station: Students weigh individual components and total gear.
- Function Demo: Facilitator explains how each item works (how a regulator delivers air).
- Scenario Challenge: Students match gear to specific dive scenarios (reef survey, wreck dive).

Procedure

1. Introduction

- Brief overview of scuba diving and its applications (marine biology, archaeology, rescue).
- Safety talk: Respect the gear, no rough handling.

2. Dive Station Rotation

- Divide students into small groups (4–6).
- Rotate through mini-stations:
 - Gear ID & Function: Match gear to its purpose.
 - Weight Challenge: Estimate and then weigh gear.
 - Try-On Station: Safely try on BCD, mask, fins.
 - Scenario Match: Choose gear for different dive missions.

3. Wrap-Up & Reflection

- Group discussion:
 - What surprised you about the gear?
 - How does weight affect movement underwater?
 - What skills do divers need?
- Optional: Watch a short video of a diver in action.