## Framework for Designing & Conducting Effective Marine Mammal Science Courses

Marine mammal science is a vast, dynamic, and fascinating field. Integrating various aspects of marine mammal science in educational outreach can contribute to an improved understanding and support effective marine conservation.





This framework aims to inspire and guide conservation practitioners on conducting engaging educational outreach. Incorporated pedagogical principles help ensure participant engagement and achieve course objectives.

We hope this 'checklist for maximizing learning' will inspire anybody planning to talk to others about marine mammals to create engaging and effective marine mammal science courses.



Framework **Tasks** Outputs Prepare an Audience Profile including an assessment of knowledge, attitudes, and practices that need to be addressed or changed. Specify according to age groups, abilities, language, prior information, and levels of education. Define Audiences. Analyze Define the **Content** in a few **Key Messages** that align with what is to be Objectives, Content, learned (Objectives). Who needs to Resources, and understand what? Assess the **Resources** available, such as budget allocations, locality, assistive Challenges. technology or interpretation, and required permissions. Take **Challenges**, such as weather conditions, accessibility, and social, religious, cultural, and gender issues, into consideration. Plan Consider organizational and structural options depending on the audience Define Organization, How will we Structure, Timeframe, age and numbers, and availability of time and space. Incorporate interactive organize, present elements, and integrate assessments to increase and measure and Indicators of and evaluate knowledge retention. Success. the course? Develop Create communication tools, including visuals, appropriate for the content, Create Learning Aids What tools structure and audience. Implement 🞾 Put Plans and Tools Collect evidence showing how well your course method and tools worked for Ready-Set-Go! communicating key messages and achieving course objectives. into Action Evaluate 🖁 🆊 Analyze effectiveness of the course method and tools, and formulate Analyze and Improve How well improvements for next courses. did we do?

## For additional tools see:



