Course Map

Instructional Designer: Terri Hannon
Curriculum SME: Terri Hannon
Course Title: AquaKiDs: Reef Life
Number of lessons: Six (6)
Length of each lesson: 1hr – 1 ½ hour lessons
Platform: Flipped classroom, instructor-led (ILT), or asynchronous

Course Level Objectives (CLO)

1. **CLO 1**. Illustrate understanding of marine science
2. **CLO 2.** Apply knowledge of natural systems
3. **CLO 3.** Remember and use new ocean, reef, and conservation vocabulary
4. **CLO 4:** Illustrate an understanding of conservation concepts and what actions you can take to help
5. **CLO 5:** Apply new knowledge to collaborate on a conservation project
6. **CLO 6**: Construct and execute a conservation or restoration project
7. **CLO 7:** Evaluate student's projects based on course objectives

Module One:	**The Coral Reef**		
Module Level Objectives (MLO)	**Instructional Materials**	**Learning Activities & Formative Assessments (FM)**	**Summative Assessments**
MLO1: (CLO1) Explore and identify ocean fish and animals	Watch an instructional video on sea turtles	Sea turtle quiz	Quiz score
MLO2: (CLO2) Gather personal knowledge about coral reefs	Prompt to engage own pre-knowledge	Pre-assessment quiz	Quiz completed
MLO3: (CLO1, CLO2) Understand the basic biology of coral and coral reefs	Coral reef audio lesson Coral reef video Coral biology audio lesson Coral biology video	Slide activity interaction Coral quiz	Interaction completed Quiz score
MLO4: (CLO1, CLO2) Understand the benefits and problems facing coral reefs	Value of the Reef audio lesson Value of the Reef video Audio lesson - Dangers facing the coral reef Video - Hazards to the coral	Interactive activity - Values and dangers facing the coral reef Value and Dangers quiz	Interaction completed Quiz score
MLO5: (CLO3) Interact and recall words and definitions	Vocabulary words and definitions	Flipcard Activity Popup interactions Vocabulary drag quiz	Quiz score
MLO6: (CLO1) Create a written recollection of the lessons **MLO7: (CLO2)** Understand other's POV and help others through collaboration **MLO8: (CLO3)** Use words and ideas from the lesson to solve a puzzle	Prompt for journal assignment Prompt for journal collaboration assignment Downloadable game sheet	*Tell Me Three Things* Journal writing (Jamboard) Read other student's posts (Jamboard) Write comments on other student's posts (Jamboard) Coral reef vocabulary crossword puzzle	Writing completed and assessed Writing completed Puzzle completed