## **Assignment Checklist** Oceanography

Key INTRO: Introduction, WU: Warm-Up, CD: Content, PPT: Presentation, AC: Application of Content, S: Summary, GS: Getting Started, MS: Module Summary, MT: Module Test, MAA: Module Authentic Assessment, MSI: Module Scientific Investigation

Topic/Page In Course	n Activity Title	Activity Type	Total Points	Date Completed	Points Earned
Module 1: W	hat is Oceanography	7?			
1.1 WU	The Formation of the Oceans	Video/Discussion			
1.1 AC	The Formation of the Oceans	Timeline			
1.2 WU	Branches of Oceanography	List			
1.2 AC	Advancements and Discoveries	Internet Research/Document			
1.3 AC	Towing for Plankton (Hands-On)	Scientific Investigation			
1.4 AC	Careers and Universities	Program Summaries			
MAA	Extra! Extra! A Day in the Life of an Oceanographer	Feature Story			
MT	Module Test	Test			
Module 2: Th	e History of Oceano	graphy		_	
2.1 AC	Oceanography Boat Challenge	Drawing/Model			
2.2 AC	Build a Working Compass Challenge	Compass/Map			
2.3 WU	Circumnavigate the World	Google Earth <sup>TM</sup>			
2.3 AC	The Virtual Amazing Race	Google Earth <sup>TM</sup> /Template			
2.4 AC	Explorer Microblog	Microblog Posts			
2.5 WU	Diving and Submersibles	Discussion			
2.5 AC	Diving Technologies	Paragraph			
2.6 AC	Just a Typical Day at the Office	Essay			



	The History of			
MAA	Oceanography	Timeline		
MT	Module Test	Test		
Module 3: Go	eology		T T	F
3.1 AC	Isostasy Scientific Investigation (Hands-On)	Scientific Investigation		
3.2 WU	Pangaea and Continental Drift	Discussion		
3.2 AC	Travel to Sunny, Beautiful Pangaea!	Travel Guide		
3.3 AC	Construct a Model of Seafloor Spreading	Model		
3.4 AC	Plate Boundaries and Earthquake Data	Template		
MS	Course Survey	Survey		
MAA	Postcards from Pangaea!	Postcards		
MT	Module Test	Test		
Module 4: Ba	athymetry			
4.1 WU	Life On the Continental Margin	Reflection		
4.1 AC	Map of the Continental Margin	Labeled Map		
4.2 AC	Ocean Depth vs. Crust Age	Graph		
4.3 WU	Hydrothermal Vent-Dwelling Organism	Image/ Drawing		
4.3 AC	Mid-Ocean Ridges and Hydrothermal Vents	Online Encyclopedia Entry		
4.4 WU	Importance of Bathymetric	List		



Mapping					
Seamounts and Guyots Acrostic Poem	Acrostic Poem				
Mariana and Puerto Rico Trenches Venn Diagram	Graphic Organizer				
Ocean Floor Expedition Travel Blog	Blog				
Module Test	Test				
dimentation					
Hjulstrom Diagram and Wentworth Scale	Data Table and Analysis Questions				
Sediment Near the Mississippi River Delta	List				
Sediment on the Shelf (Hands-On)	Scientific Investigation				
Deep Sea Sedimentation	Q and A				
Gravel Extraction and NOAA	Reflection				
Offshore Drilling	Discussion				
Course Survey	Survey				
Extracting Sediments	Scientific Investigation Design				
Module Test	Test				
Module 6: Ocean Water Chemistry					
The Water Molecule	Billboard Design				
Coastal Salinity Project	List				
Dissolved Substances (Simulation)	Scientific Investigation				
Structure of the Oceans	Magazine Article				
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6.4 AC	Ocean Explorers Week Skit	Skit			
6.5 AC	The Water Cycle and Local Communities	Presentation			
6.6 AC	Desalinization Debate	Discussion			
MAA	Water Project	Webpage Design			
MT	Module Test	Test			
Module 7: O	cean Motion				
7.1 WU	Types of Currents	Reflection			
7.1 AC	Tides Magazine Fact Checker	Fact Checker			
7.2 AC	Salinity and Deep Ocean Currents (Hands-On)	Scientific Investigation			
7.3 WU	Waves Global Impact	List			
7.3 AC	Anatomy of a Wave Instructor's Diagrams	Diagramming and Labeling			
7.4 AC	Making Waves (Hands-On)	Scientific Investigation			
7.5 WU	Study the Hilo Tsunami	Reflection			
7.5 AC	Tsunami Warning PSA	Public Service Announcement			
7.6 AC	Tides Letter	Letter			
7.7 AC	Graphing the Tides	Graphing and Analysis			
MAA	Acme Ocean Cargo Transport	Presentation			
MT	Module Test	Test			
Module 8: Biological Oceanography					
8.1 WU	Criteria for Life	List			
8.1 AC	Criteria for Life	Debate Notecards			



8.2 ACFive Kingdoms CubeCube ModelImage: Cube Model8.3 ACMarine Organism Adaptations DiagramGraphic OrganizerImage: CompanyMSCourse SurveySurveyImage: Course SurveyImage: Course SurveyMAAMarine Life MagazineMagazine CoverImage: Course SurveyMAAMarine Life MagazineMagazine CoverImage: Course SurveyMTModule TestTestImage: Course Survey9.1 WUWhat Is ProductionReflectionImage: Course Survey9.1 ACPrimary Production ExhibitMuseum ExhibitImage: Course Survey9.1 ACPrimary RelationshipsGraphic OrganizerImage: Course Survey9.2 ACOceanic Feeding RelationshipsGraphic OrganizerImage: Course Survey9.3 AUTypes of RelationshipsThinkingImage: Course Survey9.3 ACMarine RelationshipsComic Strip ComicImage: Course Survey9.4 ACMarine Ecology App DesignApplication DesignImage: Course SurveyMAAMarine Ecology App DesignApplication DesignImage: Course Survey10.1 WUPollution DrawingSketchImage: Course Survey10.1 ACOil Spill Clean-Up (Hands-On)Scientific InvestigationImage: Course Survey10.3 ACOverfishingCrossword Puzzle DesignImage: Course Survey10.3 ACOverfishingCrossword Puzzle DesignImage: Course Survey		1		1 1			
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MAA   Marine Life Magazine   Magazine Cover     MT   Module Test   Test     Module 9: Marine Ecology   Imagazine   Reflection     9.1 WU   What Is Productivity?   Reflection   Imagazine     9.1 AC   Primary Production   Museum Exhibit   Imagazine     9.1 AC   Primary Production   Museum Exhibit   Imagazine     9.1 AC   Production   Museum Exhibit   Imagazine     9.1 AC   Production   Museum Exhibit   Imagazine     9.1 AC   Oceanic Feeding Relationships   Graphic Organizer   Imagazine     9.2 AC   Relationships Relationships   Graphic Organizer   Imagazine     9.3 WU   Relationships Comic   Thinking   Imagazine   Imagazine     9.3 AC   Marine Communities Advertisement   Travel Advertisement   Imagazine   Imagazine     9.4 AC   Marine Communities Advertisement   Travel Advertisement   Imagazine   Imagazine     MAA   Marine Ecology App Design   Application Design   Imagazine   Imagazine     MAA   Marine Ecology App Design   Sketch   Imagazine   Imagazine   Ima	8.3 AC	Adaptations	Graphic Organizer				
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10.2 AC Global Warming? Discussion   10.3 WU Fishing Laws Reflection	10.1 AC		Scientific Investigation				
	10.2 AC		Discussion				
10.3 AC Overfishing Crossword Puzzle Design	10.3 WU	Fishing Laws	Reflection				
	10.3 AC	Overfishing	Crossword Puzzle Design				



10.4 AC	Marine Sanctuary DVD Cover	DVD Cover Design		
10.5 WU	Mahatma Gandhi Quote About Change	Discussion		
10.5 AC	Ocean-Friendly Home Audit Survey	Questionnaire		
MS	Course Survey	Survey		
MAA	Environmental or Community Organization Volunteer	Volunteer Opportunity		
MT	Module Test	Test		

