Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_

**Regional – Environmental Research Portfolio**

You will either choose a specific region of the world’s oceans or you may choose to discuss a topographical area of a specific region (i.e. abyssal plains, coral reefs, Mid Ocean ridge etc.) where there are environmental problems that plague that area. Once the area has been decided you will provide the following research in your portfolio for that area.

Your portfolio must include:

* Paper which must include the following 7 sections (be sure to use a heading for each)
	+ State the chosen region
	+ Geographic location of region
	+ Physical description of the characteristics of the region
		- Topography
			* Hotspots
			* Trenches
			* Atolls
			* Plate boundaries
			* Ridges
			* Vents
			* Reefs Etc.
	+ Negative environmental impact(s) affecting that region
	+ Discuss marine life zones present in area with local animals and plant life and how they are affected by the environmental change
	+ Characteristics of the water within chosen region
		- Density
		- Salinity
		- Temperature
		- Pressure
* 10 articles relating to the environmental problems that affect the chosen region.
* A brief summary **(4-6 sentences)** must accompany each article.
* Each article MUST be a **news** article **NOT** research type articles or blogs. If unsure check with the teacher before assembling
* Bibliography

Marine Life Zones: Photic Aphotic Euphotic Intertidal
 Neritic Oceanic Pelagic Benthic
 Abyssal

**Environmental Portfolio Rubric**

**\_\_\_\_\_ Region clearly stated (0-3 points)**

**\_\_\_\_\_ Geographic location stated (0-3 points)**

**\_\_\_\_\_ Physical characteristics stated (0-10 points)**

* **Tectonic plate boundaries (4)**
* **Natural topographic features (4)**
* **Un-natural topographic features (2)**

**\_\_\_\_\_ Negative environmental impact(s) stated (0-15 points)**

**\_\_\_\_\_ Animals and plant life affected by the**

**environmental change stated (0-10 points)**

**\_\_\_\_\_ Characteristics of the water stated (0-20 points)**

* **Density (5)**
* **Salinity (5)**
* **Temperature (5)**
* **Pressure (5)**

**\_\_\_\_\_ 10 articles included (minimum) (0-20 points)**

**\_\_\_\_\_ Summary of each article included (0-10 points)**

**\_\_\_\_\_ Portfolio in report cover (0-5 points)**

**\_\_\_\_\_ ALL information neatly typed (0-4 points)**