Exploring Earth's Oceans: Coral Reefs PBL Project

Standards:

- MS-ESS3-4. Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.

1	**What is the challenge?**
	Students will independently research coral reefs using the identified Google tools to create a compelling answer to the driving question.
2	**What is the driving question(s)?**
	Why is it important to save our coral reefs?
3	**How does this project relate to real life?**
	Coral reefs are a popular destination for tourists and scientists. They are also critical biodiversity spots.

4	**What resources will you provide to students?**
	- Google Maps Great Barrier Reef, Australia: https://www.google.com/maps/about/behind-the-scenes/streetview/treks/oceans/
- Google Maps Great Barrier Reef, Australia: https://www.google.com/maps/place/Great+Barrier+Reef,+Australia/@-18.2870668,143.2167699,6z/data=!4m15!1m9!3m8!1s0x6bdf1446822c713b:0x192a574136833cda!2sGreat+Barrier+Reef,+Australia!3b1!8m2!3d-18.2870668!4d147.6991918!14m1!1BCgIgARICCAI!3m4!1s0x6bdf1446822c713b:0x192a574136833cda!8m2!3d-18.2870668!4d147.6991918
- Google Earth The World's Oceans:https://earth.google.com/web/@1.8830183,-46.61902307,-1114.055731a,46340242.7790928d,35.00000006y,359.9999999h,0.00001071t,0r/data=Ci4SLBIgNjZlNzQ1NjM3OGMwMTFlOGJmMTZhMTM2MjYyMmZhYjAiCG92ZXJ2aWV3
- Google Arts & Culture Tara Foundation Coral Reef Exhibit: https://artsandculture.google.com/story/PAWRN_v6HuqDIg
5	**What information will you need to frontload or provide as background info for students to be successful?**
6	**How will students be able to take ownership over their own learning experience?**
7	**What supports or scaffolds will you need to put into play for**

	students to be successful?	
8	**How will students receive feedback on their project?**	
9	**How will students share the work they have created with others?**	