

**“XPLORATION AWESOME PLANET”**

SEASON VI - 2019/2020

FCC FRIENDLY EPISODE WRITE-UPS

**FOURTH QUARTER**

Week of September 30, 2019 through week of Decmeber 23, 2019

**Week of September 30, 2019 (Episode #105)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we learn from the students who want to change the world. We'll start at the national finals of the Stockhom Junior Water Prize where students are presenting solutions to some of our biggest challenges. Then we see how one student teaches younger kids about climate change in a creative way. We'll wrap up with a team of college students in Pennsylvania who help the local community by monitoring local sinkholes.

**Week of October 7, 2019 (Episode #106)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we visit a few examples of threatened places. We'll start in North Carolina looking at the effects of sea level rise on barrier islands. Then we see how innovative tools are helping to protect against future oil spills. We'll head to Utah to learn why over a million acres of pristine land is now under threat of development. And we'll end in Pennsylvania where one sanctuary has put protections in for migrating raptors before it's too late.

**Week of October 14, 2019 (Episode #107)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we see a few hidden parts of nature. We'll start in Washington where the Seattle Aquarium shows us a few unique traits to see otters. Then we'll head to Australia to look at the small mantis shrimp that packs a heavyweight punch. We'll finish up in Florida following one researcher who combs the beaches in the early morning to find and protect newly made turtle nests.

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#### **Week of October 21, 2019 (Episode #108)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we visit a few remote areas to see how research and restoration is conducted. We'll start in the Yasawa Islands of Fiji where manta rays migrate each year for food. Then we'll go to the Hawaiian island of Kaho'olawe, which is off-limits to the general public. Here we'll see a unique history of destruction that one organization is helping to restore. We'll finish up in Virginia seeing how drones are helping researchers access remote locations quicker and easier.

#### **Week of October 28, 2019 (Episode #109)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll meet a few different science communicators. We'll start at Cal State Long Beach where one researcher is helping to communicate the impacts of development on local salt water marshes. Then we'll head to Florida where we meet a researcher educating the public daily on the hazards and health effects of red tides. After that we'll visit a large STEM event in Tulsa Oklahoma where communication is key for a day with thousands of students on hand to learn about science. We'll finish up in Pennsylvania and New Jersey where a grad student uses a wind tunnel to teach others about sand dunes.

#### **Week of November 4, 2019 (Episode #110)**

In this episode, Cousteau takes us to the American mid-West to see how wildlife in Yellowstone National Park cope with the harsh winter environment. We then climb to the top of Zion National Park's most famous peak before heading to a Pacific island to explore some of the tallest sea cliffs in the world. The journey ends by venturing into the Canadian wilderness to experience a crystal-clear nighttime sky.

#### **Week of November 11, 2019 (Episode #111)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores the different ways an environmental painter, sculptor, photographer and craftsman blend nature with art.

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**Week of November 18, 2019 (Episode #112)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau dives off the coast of Australia to explore the Great Barrier Reef. He then heads to James Cook University to get an up-close look at some of the country’s deadliest creatures. Philippe ends his journey by visiting the National Sea Simulator at the Australian Institute of Marine Science.

**Week of November 25, 2019 (Episode #113)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau travels to New Zealand, where he explores Auckland’s volcanic field and comes face-to-face with one of the largest insects on the planet. We then head to the South Island for a breathtaking helicopter ride and a visit to a small coastal town.

**Week of December 2, 2019 (Episode #114)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, Cousteau heads to Hawaii to see an incredibly rare waterfall of lava pouring into the ocean. We’ll then visit the legendary Antelope Canyon of Arizona, walk atop a unique frozen lake in Alberta, and take a magical scuba dive into a cenote in Mexico.

**Week of December 9, 2019 (Episode #115)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we reveal the winner of our first ever #StudentExplorer Contest. Philippe and the lucky student then head to Mexico to swim with whale sharks in the wild.



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### **Week of December 16, 2019 (Episode #116)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, he unearths some of the ways scientists, students and regular citizens are working to save our Earth. From creating “safe havens” for New Zealand’s endangered species, to breeding clownfish in Australia, and introducing disadvantaged kids to the wonders of the oceans, these environment guardians are doing their part to make a positive impact in the world.

### **Week of December 23, 2019 (Episode #117)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Philippe travels to Pennsylvania to explore a hidden wonder beneath the Appalachian Mountains and see how researchers at Carnegie Mellon University are using cutting-edge science to measure air quality in Pittsburgh. We’ll also investigate a bolder field where the rocks make a unique “ringing” sound and then stop by a mushroom farm to unearth how sustainable farming practices can positively impact inner city gardens.