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## STEAM (Science-Technology-Engineering-Art-Math) Education for Youth

**PASS for *Song of the Ocean***, free matinee to K-12, 2/25/17, 3-4 PM at Center for the Performing Arts

Number of children (up to 200/group): \_\_\_\_\_ must be accompanied by teacher(s) or guardian(s) whose admission cost is \$10/person. Admission starts at 2:30 PM. First come, first serve.

Guardian (print) \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Fill this form and a check \$ \_\_\_\_\_ (\$10 X number of guardians) paid to CPAA and mailed before 2/15/17 to 6148 Bollinger Road, San Jose, CA 95129.

Select one: Pick up this PASS by guardian at will call \_\_\_\_\_

Send this PASS to Guardian's address: \_\_\_\_\_

(Company use only) Executive Director Ann Woo's validation signature: \_\_\_\_\_

**Essay Contest: Global Warming Crisis** emailed to [Virginia.jian@gmail.com](mailto:Virginia.jian@gmail.com) before 2/15/2017

**Prizes:** Trophies and Cash: \$500 to 1st Place, \$300 to 2nd Place, and \$100 to 3rd Place

4th – 9th Places: each receives 2 (\$50 ticket) to the 9<sup>th</sup> Spring Festival Silicon Valley Gala.

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**The Earth** is called the blue planet because 3/4th of it is covered with water, the ocean. Very luckily the range of temperature on earth allows water to exist in all 3 phases: ice when cold, liquid when warm, and vapor when hot. On earth, the water cycle, comprising sunshine heating up the ocean to make clouds, and clouds condensing as rain and snow, sustain all flora and fauna.

The Earth revolves the sun with a tilt of 23.5 degrees, so that every place on earth experiences 4 seasons in a year. For thousands of years humanity has been aware of the wonders of nature. Different cultures have evolved with different beautiful folklore and legends about where they are from and who they are. Their worship of nature, such as the sun, the river, the mountain, and their ancestors, etc., has been unceasing. Joseph Needham, an English scholar, called the ancient cultures "River Cultures" since they were developed along the four famous river systems: Nile in Egypt, Ganges in India, Euphrates and the Tigris in the Middle East, and Yellow River and Yangtse River in China. He called the world culture in modern times as "Ocean Culture," as all rivers flow toward the ocean becoming a melting pot. In the 21st Century, as the destination of many world immigrants, Silicon Valley is a model of Ocean Culture that contributes to its wealth and prosperity.

In recent years, scientists have warned that global warming has led to unusual droughts and floods in many regions, including the United States and China. Then in September 2016, the leaders of the two countries that produce most pollution met in Hangzhou, China. President Obama and President Xi have reached an agreement to reduce world pollution in the future. We hope that the two major economic powers will lead the way in addressing the global warming crisis. With an environmental consciousness, CPAA's new production ***Song of the Ocean*** is an ode to our ocean that connects the five continents of the world. Together, we come to celebrate, preserve, and protect our home, the earth, the only planet that has water and life in our galaxy.