"MON OCEAN & MOI" COMBINES SEVERAL ACTIVITIES TO OUTREACH ON OCEAN SCIENCES AND TO CONNECT PEOPLE. THESE ACTIVITIES ADDRESS A NON-SCIENTIFIC AUDIENCE AND IN PARTICULAR YOUNG PEOPLE. IN 2016, "MON OCEAN & MOI" HAS INVITED CLASSES/SCHOOL GROUPS TO CREATE A SHADOW PLAY **CENTERED ON THE OCEAN.**



1 / to promote multidisciplinary work

2 / to allow students from kindergarten to high school levels to participate in an international context 3 / to combine scientific aspects with technology and creativity

4 / to give a «voice» to the children so that they can express themselves on environmental issues that concern them most.

As an art technique the shadow theatre has been chosen and the students should videotape their performance for documentation and sharing. Based on previous artistic work such as the participatory installation "Species Encounter: Dive In!" (*), this approach has been selected for many reasons. For example, it can bridge cultures without a language barrier and it allows using an array of traditional techniques and technological tools.

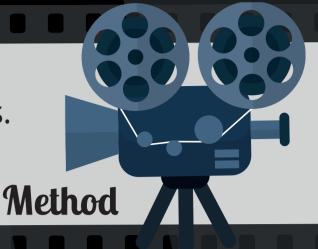
www.micheleguieu.com/wordpress/portfolio/species-encounter-dive-i

Tutorial



Back

In order to facilitate teachers their work in the classroom a kit has been developped. It comprises a tutorial helping to construct a shadow play theatre and to fabric shapes. Furthermore, it includes guidance to start the project in the classroom.



Conclusions

The shadow play videos evidence that such an art integrated project indeed allows the teachers to team one discipline with another (e.g. life and earth sciences, visual art and informatics) and the students to learn in a creative way. Using a combination of transfer of knowledge and skills, the students explored ocean topics and worked on individually or collectively. They defined their ideas, concepts and messages clearly and were encouraged to take decisions. By giving the school children "a voice", they become as well actors and multipliers in the outreach process as they give an important feedback to "mon ocean & moi".

The school children were very excited and happy with the project and what they learned about the ocean. The teachers appreciated in particular that such a project deeply involves the students thus allowing to deepen their thoughts and knowledge about/of a scientific topic.



ADUUL IIL UULAI

Carolyn Scheurle¹, Julia Uitz¹ and Michèle Guieu²

¹Observatoire Océanologique de Villefranche/Laboratoire d'Océanographie de Villefranche, UPMC/CNRS - France ²Independent Visual Artist and Art Educator Specialist, Saratoga/CA - United States

SHADOW PLAY CONTEST 2016 FIVE FINALISTES

This year, "mon ocean & moi" proposed a shadow play contest. Submitted productions were evaluated by a committee according to two main criteria: (1) accuracy in the demonstration of scientific information and (2) creativity and «artistic effects ». In addition, a public vote has been organized during the annual French Science Festival.

(PRIMARY SCHOOL)

Their message: What we throw sneaks back to us, wounding, sickening and killing. Let's act now ...





LYCÉE FRANÇAIS DU CAP 🖄 CAPE TOWN/AFRIQUE DU SUD **(SECONDARY SCHOOL)**

Their messages: A link in the chain disrupted ..., phytoplankton - lung of our planet, consume

Their message: The accumulation of plastic waste in the oceans and seas. Poses an environmental problem. Mobilization is thus necessary.

Watch it on vimeo : https://vimeo.com/monoceanetmoi/chene-vert or scan the QR code



VILLAGE ELEMENTARY SCHOOL CAMPBELL/US (PRIMARY SCHOOL)

impact of human activities on the ocean: by-catch, overfishing, sea floor

Watch it on vimeo : https://vimeo.com/monoceanetmoi/village-elementary-school or scan the QR code

intelligently, no ocean - no life!

Watch it on vimeo : https://vimeo.com/monoceanetmoi/lycee-francais-du-cap or scan the QR code

L'EAU VIVE 対 **BREIL-SUR-ROYA/FRANCE (SECONDARY SCHOOL)**

Their messages: Climate change and its consequences, currents and wastes, bottom trawling and overfishing, Pollution and warming.

Watch it on vimeo : https://vimeo.com/monoceanetmoi/leau-vive or scan the QR code

esign by Thomas IESSIN for culture-ocean.com