

monValu

Brief



How to empower kids and teenagers -and in particular girls- to be climate changemakers and be prepared for the fifth industrial revolution?

A Fact



Kids build their mindset about the world and their vocations in early ages

These perceptions determining the way by which they build their lives as people as well as future citizens

Urgent!: A new vision for education

- Developing skills and competencies in **STEM** (Science, Technology, Engineering & Maths) and **STEAM** (including the **A of Art**) is a policy priority in most countries facing the fifth industrial revolution
- Education is central to the **2030 Agenda for Sustainable Development**, in particular Objectives 4 (Quality Education) and 5 (Gender Equality)
- SDG 14 is dedicated to ocean life and UNESCO established 2021-30 as a **Decade for Ocean Literacy integrated with other literacies**



Big challenges

Inclusion gap

- There are persistent gender bias and inclusion gaps in STEAM education
- Scarce engagement of girls in STEAM careers

Content & methodology gap

- Need of a more humanistic and integrated STEM education, including the A of art and better integration of socio-emotional aspects
- Little attention paid to link STEAM with climate change issues and the global 2030 Sustainability Agenda

monValu proposes:

- a) **Ocean STEAM education:** storytelling, activities and games linking ocean literacy with STEAM and socio-emotional learning based on systems & design thinking methodology
- b) **Inspiration and sharing of experiences** of ocean STEAM education with a strong focus on inclusion

**monValu aspires to ignite change
in children, parents & teachers mindsets**

What Valu is?

Valu is a group of islands kicking like a centipede in the middle of the ocean. Their inhabitants can help us understand many problems on our planet and above all...reflect on how to solve them!

Searching on maps or Google maps is useless. Your journey starts when you close your eyes and look inside. Then you will hear a heartbeat, like when you put a conch on your ear.

Because in Valu the heart of the sea beats.

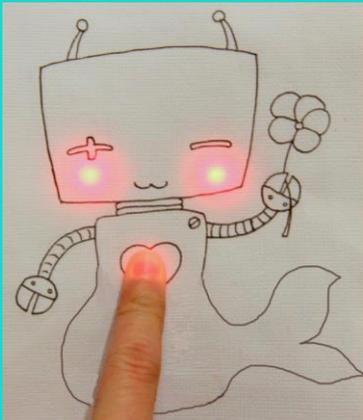
Who is monValu for?

- Parents, family, who look for a better future for children by improving and developing their capacities from a systemic perspective
- Schools
- Training teachers' centers
- Other organizations interested in developing education projects with focus on inclusive STEAM and sustainability (NPOs, government agencies, firms' mentoring programmes, etc.)



Mission

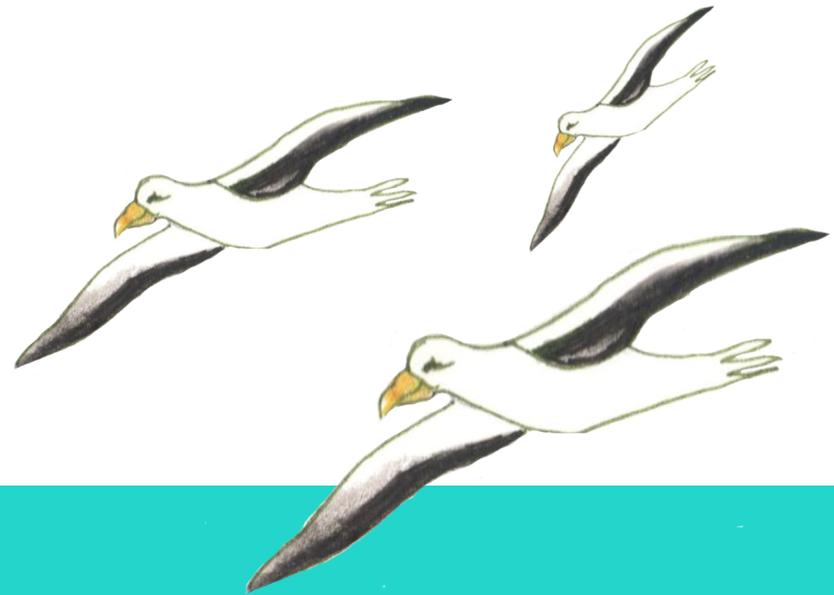
Developing children talent and capacities through inclusive STEAM and ocean literacy learning experiences



We see kids as future global citizens that lead the task of looking after the ocean as the basis of the life in the earth.

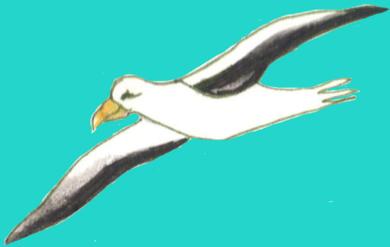


MONVALU



Vision

Inspiring and empower children to be co-creators of a better and inclusive world by making STEAM and ocean competences an integral part of education





STEAM power for
climate changemakers



“ The core

Empathy
Inclusion
Collaboration
Solidarity
Sustainability





Values

**Socio-emotional
education**

**Systems & Design
Thinking based
methodology**



Storytelling & “the magic circle”



STEAM activities



+ games



+ “co-creation” lab



Book titles (7-11 years old; languages: English, Spanish, Portuguese, French)



Guardians of the sea



Ku & Kala, a planet love



A very brilliant business



The whale charmer



Kicoins (blockchain for kids)

Guardians of the sea

Synopsis

Little Kai is very intrigued, his grandmother Vanora told him that a sea can get sick. How do you know if a sea is sick? What can be done to heal it? Kai wants to discover all secrets of water and become a good guardian of the sea. Discover this very special tribe of mermaids and help Kai to make a good plan to take care of the sea.

Key educational resources

Kanban (kids' planning tool)

Mandalas



Ku & Kala, planet love

Synopsis

Ku, the giant coconut crab, is heartbroken. Her friend the turtle Kala is very angry and does not want to see him anymore. She has a little bit of reason, Ku is getting more neglected, he hates bathing and...uses a catapult to throw the garbage into the middle of the sea! Discover how the wise mermaid Vanora helps him change his life and become an environmental activist, in addition to winning back the love of his friend and his neighbors.

Key educational resources

Johari windows for kids

Empathy maps



A very brilliant business

Synopsis

The tribe of mermaids that lives in Valu is very sorry. One of the islands has been completely transformed into a black salt island and they can no longer live there. But Kala and Kai have a brilliant idea and discover that nature always offers new opportunities. With the help of the whole tribe and their parrot-fish friends they start a business and will make new dreams come true.

Key educational resources

Canvas for kids



The whale charmer

Synopsis

Thanks to little Ki's skills, the Krill tribe can fulfill their mission. As Ki sings the Beady whale's favorite song, the tribe help to capture carbon and heal the sea. But something is happening, because the songs of Ki no longer have any effect on Beady and she wants to eat thirty thousand krill in one bite. Thanks to mermaid Vanora, who knows a secret about whales, Ki and the krills solve this hungry problem.

Key educational resources

Decision-making map

