



**OUT-OF-SCHOOL
LEARNING ENVIRONMENTS
NATIONAL INFO PACK
PORTUGAL**

1. WHAT IS OUT-OF-SCHOOL LEARNING?



“...curricular activity intentionally and pedagogically planned by the teachers aimed to the acquisition, development or consolidation of learning, carried outside the school space, with a view to reaching the areas of competences, attitudes and values predicted in the Students Profile....”

Despacho n.º 6147/2019

Decreto-Lei n.º 55/2018

*Curriculum Enrichment Activities



2. PLACES AND ACTIVITIES



- Museums
- Science Centres
- Interpretative Centres
- Monuments
- Zoos/ Aquarium
- Natural protected areas
- Civil institutions
- Industries, factories, markets...
- Fairs
- Theater, cinema, music shows
- Guide visits
- Workshops
- Field trips
- Hands-on activities
- Games
- Shows
- Dialogues/Conferences
- Do like a...
- Storytelling...
- **Ciência Viva School**

Educative service
Pedagogical/Educative offer



3. CURRICULUM OF SCHOOLS



- “Out-of-School activities have come to assume a leading place as a strategy for the curriculum implementation, which are of particular importance to the quality of learning and to the whole development of the students, since they promote:
 - knowledge through multidisciplinary activities and projects,
 - the personal and social training of the students
 - and the articulation between the school and the environment.”

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- Annual Plan of Activities



4. OUR ACTIVITIES



- Implementation of non-formal education activities in and outdoor:
- School groups visits to the science centre (exhibitions, hands-on activities; games; demonstrations; workshops; maker activities; discussion dynamics...)
- Field Trips
- Science, Technology, Environment and Health fairs at schools;
- Science & Technology and Digital Competences Clubs
- Timed-continued programs such as: Special Education Needs Programs; Science&Technology at Programs; CT at School; Novas Rotas...



5. TEACHER TRAINING PROGRAMS



Continuous Training :

The continuous training of teachers and other education agents is a structural element in improving the quality, effectiveness and efficiency of the education system. (*Traning with creditation is promoted by the government.*)

Examples (Promoted by museums, etc):

- Museums for what?! The national museum of ancient art as a pedagogical-scientific resource
- “OU VI VER” Cultural Heritage: A transdisciplinary approach
- Discovering the living beings
- Sea Around Us
- Ocean by Kids



6. STAFF TRAINING

- Pedagogical methodologies: Inquiry based learning; maker workshops; *gamefication*
- Scientific/Specialized training: Ocean literacy; 3D modelation
- Technical Training: exhibitions creation
- Science Communication

(Network promoted; International...)

7. INTEGRATION OF THE TEACHING OF HERITAGE ITEMS AND OUT-OF-SCHOOL LEARNING ENVIRONMENTS



- Educative service
- Pedagogical/Educative offer
- Annual Plan of Activities



8. STUDIES



Natural Heritage

- Biology
- Marine Biology
- Environmental Sciences

Courses



9. CULTURAL, INDUSTRIAL AND NATURAL HERITAGE IN THE EDUCATIONAL CURRICULUM

Example of guidelines:

- Middle Study (1st-4th grade)

“Recognize and enhance the natural and cultural heritage - local, national, etc. - identifying natural elements in the landscape (geological sites, Natura Network spaces, etc.) and material traces of the past (buildings, bridges, mills and statues, etc.) , customs, traditions, symbols and ephemeris.”

- Natural Sciences (5th-6th grade)

“Observe the environment. For this, plan field trips; prepare observation scripts; field books...”

- History (7th – 9th grade)

“...Enhance the material and immaterial, regional and national historical heritage; Enhance the material and intangible historical heritage of Europe, with a view to developing European citizenship....”

- Portuguese (7th – 9th grade)

“...realization of interdisciplinary pedagogical and didactic tours, with Physical Chemistry,

10. ACTIVITIES IN THE COVID-19



- Website with activities to do at home (Experiments, filmes suggestions, ...)
<https://expoccv2020.wixsite.com/cienciacasa>
- Online workshops, conferences...
[Expolab YouTube Channel](#)
- Videos (Why?; What does a Scientist?;...)
[Why is the square square?](#)
[#NacionalDayScientists](#)
- + Activities at schools (e.g. Sta Maria)
- Outdoor activities

11. VIRTUAL MUSEUM



- We had in 2016... Not updated!
- Government are analysing the hypothesis of funding...
- But many museums and science centres have very good virtual tours!

work in
progress

