



PACA DIGESTORA - DIGESTIVE TURF

Title	<i>Paca digestora - Digestive turf</i> Organic fertilisers for a sustainable future Cultivating consciousness: exploring the world of organic fertilisers
Skills	- social and civic competences; - scientific knowledge; - communication and organisation.
Topics	- recreation; - social cohesion; - responsible consumption; - intercultural dialogue; - education for sustainable development; - vocational training; - active participation and citizenship; - social inclusion; - sustainable urbanisation; - fight against poverty; - health promotion; - horticultural techniques; - horticultural therapy.
Target Groups	- boys and girls (3-11 years); - people with special needs; - young people (12-25 years); - involvement of the entire school community
Brief description	This teaching worksheet offers a comprehensive learning experience that engages students in exploring the world of organic fertilisers. Through hands-on activities, research and group work, students will understand the importance of sustainable agriculture and the environmental impact of chemical fertilisers. They will also learn how to produce and use organic fertilisers in a school garden, thus promoting environmental responsibility and care for the planet.
Objectives	At the end of the activity, students will be able to:





	- Explain the natural processes of decomposition and nutrient cycling in the soil. - Identify the importance of sustainable agriculture and ecological practices in caring for the environment. - Analysing the environmental impact of chemical fertilisers and their comparison with organic fertilisers. - Describe the benefits of organic fertilisers for soil and plant health. - Developing and using organic fertilisers in a school garden. - Communicate orally and in writing the importance of organic fertilisers and their contribution to a sustainable future.
Materials	- 1 cubic metre wooden crate - 3 bundles of dried leaves and twigs - 1 packet of organic waste - An 80-litre bag of soil - Cardboard
Implementation	Place a layer of leaves and dry branches inside the box and compact it. Then open a nest in the centre and pour in the organic waste. Then put more leaves and branches back in and compact. Repeat the operation until you reach a height of 1 metre. Now remove the cassette. For further illustrations, see the following video: Components of plants (youtube.com)
Evaluation	-The key questions for the final group evaluation are: - Recognising which materials are dry - Recognising that it is organic waste - Discussing the importance of compaction
Tips	- It is necessary to always have different activities to adapt to changing circumstances, such as rain or people finishing their tasks faster than others. Working in a greenhouse has the advantage of offering a safe and controlled environment that is not too tiring. It is also suitable in bad weather.





	- Watching the video is essential when the facilitator does not yet know how to do the dance and it will be his or her first time. - Create a track for the compaction phase.
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