


**::Field Activity::**

<b>Activity title</b>	Identification of invasive plants
<b>Objectives of the activity</b>	<ul style="list-style-type: none"> <li>• Perform a field activity</li> <li>• Identify invasive plants with a strong impact on the ecosystem</li> <li>• Direct contact with the environment</li> <li>• Fostering cooperative work</li> </ul>
<b>Theoretical Introduction / Key Concepts</b>	<p>Exotic invasive plants are plant species that were introduced in our country and have great capacity for dissemination, causing significant changes in the ecosystem equilibrium. They invade our green spaces and compete with the typical species of our climate, sometimes extinguishing them. Since their easy spread is beyond the control of man, they become harmful because they contribute greatly to the reduction of the biodiversity of our ecosystems. They are also a threat to the availability of water in groundwater, food production, public health, the quality of our landscapes and the economy of the country, as agricultural production, forestry and fish production decrease.</p>
<b>Material</b>	<ul style="list-style-type: none"> <li>• Worksheet 1 - "Invasive species Cortaderia selloana (Penachos)".</li> <li>• Worksheet 2 - "Aerial image of the proximity of Colégio de Amorim".</li> <li>• Mobile phone with "Plantsnap" mobile application. </li> <li>• Tape measure, pencil and eraser.</li> </ul>
<b>Methodology / Procedure</b>	<ul style="list-style-type: none"> <li>• Reading the worksheet 1.</li> <li>• Go through the proximity of the school and mark, with a circle, in worksheet no. 2, the places where populations of Cortaderia selloana (Penachos) are observed.</li> <li>• Observing the landscape, collecting samples, measuring the size of the aerial part of the plant and identifying it using the "Plantsnap" mobile application.</li> <li>• Make a photographic record of the observed populations.</li> </ul>

## Field Notes

[illegible][illegible]

Illustration: \_\_\_\_\_

**Report on field activity**

1. **Research** on the internet for more information about the invasive plant observed at the field exit.

2. **Select and organize information:**

Organize the information you found taking into account the following aspects: "What its outward appearance is. Indicate its size, shape and color. If necessary list its parts. Where did you find it. What kind of soil does it prefer, what are their adaptations to the environment, what is the size of the root, how does it spread its seed ... What will be its impact on the surrounding environment. Does it have a strong dispersion, does it overlap with the local flora, will it have an impact on the ecosystem ...

3. Write a paragraph on the above