

Title: **Metals with history, history of the metals. A workshop in Learning Service (LS) approach**

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This Final Project has been divided into three sections. In the first section talks about the Learning Service approach, LS and scientific divulgation, as well as the methods of carrying it out, focusing specially on the audio-visual method (internet videos, blogs, TV shows, etc.), and important divulgators from our own nation and from abroad.

The second section starts explaining the process of creating a survey with the objective of defining and understanding the needs of the public for who the Learning Service workshop will be conducted; whom in this case are high school students, hence the workshop would be adapted to their level of knowledge. After this, the second section talks about the process of creating such workshop, starting with the selection of the topic, going through all the ideas and suggestions that have been discarded, until reaching to the final design of the workshop.

In the third section, the actual activities of the workshop are covered, focusing on presentations of metals such as copper, iron, gold and aluminium. In the first part of this section, the unifying thread is talked about, moving then to all the activities conducted for each one of these metals, giving some touches of their inherent properties.

Keywords: Learning Service, scientific divulgation, workshop, Periodic Table, metals, properties