ABSTRACT

Cosmetics in its most comprehensive form are much talked about and consumed by women and men, but little knowledge one has in relation to its formulation and its real function. Our work has made an explanation on the function of shampoos, conditioners and skin creams as well as the addition of biological components in its formulation, in addition to addressing the so-called smoothing "progressive brush" and "final brush" with emphasis on risk approach chemicals such as formalin are added to hair straighteners. The theme was chosen to contextualize Biology and Chemistry of content associated with cell structure, proteins, lipids, morphology, physiology of the skin and chemical functions, as these contents are covered in high school and are usually not as attractive to students.

The context provided by cosmetics enables an understanding of the contents, and involving them in day to day student is a way to show that we experience ourselves we used a new shampoo or we test a new cream. If we focus on the chemistry of molecules, beauty salons are a real laboratory. It is always good to know the procedures that we submit to avoid exposure to more aggressive substances beneficial, so we designed a short course in order to disseminate the information gathered during the research guiding the public about the harms and / or benefits as well as the effectiveness and / or ineffectiveness of aesthetic procedures, and make the information is passed on, as the audience mostly consisted of teachers and future teachers. It was also applied a questionnaire in order to verify the relevance of the topic, the context of different content areas and everyday practices, and examine whether the subject has the potential to collaborate with a more critical view of young people in relation to certain procedures aesthetic.

The responses obtained in the questionnaires showed that the topic is very relevant and current, also confirmed the objectives of the study, showing that through this interdisciplinary approach is possible between the biology and chemistry content and these to be taken to the external environment can help develop critical thinking in helping choices throughout his life. The result obtained with the short course was positive, with a great interest in the topic, which was realized from the interaction of the public. This work has achieved the objective of seeking a theoretical framework dealing with issues related to the aesthetics of hair, skin and nails, in addition to selected cosmetic products. It was concluded through research that little talk about the losses and inefficiencies of the procedures mentioned.

Keywords: Chemistry. Biology. Cosmetics.