

## **When teaching Microbiology will make sense to social practices?**

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Part of the difficulty in the teaching-learning process in Microbiology is related to the lack of attribution of personal sense in the students' activities. Biological events that cannot be seen or touched (micro or submicro level), hardly will be stored for long data just with memorizations, in absence of deeper knowledge and correlation of this subject with the social life of the student. Teaching of Microbiology, with the interplay of scientific content and social practice, favors the motivation of the students to learn in a meaningful way, since their purpose will be "learn by learn" to the degree that they establish a relationship with the school content, when this is linked to cognitive subsumers from their social practice. In this perspective, we aimed to understand how the activities study in Microbiology can generate personal meaning for students of the second year of secondary education, in the city of Ponta Grossa - PR. As pedagogical resource, we used the creation of video-documentary with the structuring theme "bacteria", a voluntary activity, which aimed to integrate the subject, taught in the classroom with the social practice of students. In this activity, only one group has completed and validated the strategy as meaningful learning guiding; the others used the absence of assignment of scores and the excess of preparatory activities for the University entrance exams as excuses. Thus, the reason why one group of students achieved is external to the subject. We also investigated, through interviews, the influence of teachers' speech on students, and the reasons that lead apprentices to attending a regular school and perform their educational activities. The profile resultant showed that there is a great tendency for the mechanical teaching-learning with reasons and activities with social utility, although characterized as an alienated work, almost with no goals that lead to a meaningful learning motivated by activity of study itself to the society.

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