

# ***COLABORATIVE WORK IN THE USE OF DYNAMIC GEOMETRY SOFTWARE***

## ***Abstract***

*The school, as the teacher, does not live isolated, but inserted in a context that should be used in favor of its development, and the professional development of its teachers. Thus, this study sought to examine the importance of interactions between teachers, promoting a collaborative professional culture sharing doubts and uncertainties to achieve a common goal, promote effective learning of geometry through technologies. For this study a mining project that had the partnership between school and university the important structure for debate and discussion on the use of new technologies for math teaching aid / geometry. This text reflects a qualitative research, which a weekly monitoring in the empirical field represented by the school's computer lab, where took place the majority of the proposed activities.*

***Keywords:*** *Collective work. Collaboration. Digital Technologies of Information and Communication. Geometry. Mathematics.*