

# The use of active methodologies in the development of skills and competencies in the teaching of mathematics

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**Abstract.** This work presents the result of the development of a Didactic Sequence of the curricular component of Mathematics applied in classes of the 8th year of the final series. The work was developed in a private educational institution located in Brasília, in the Federal District - Brazil. Our objective here was to demonstrate, through the application of a didactic sequence based on the assumptions of the active methodology, through the use of investigative, experimental, dialogic and object exploration practices, that students become autonomous and protagonists of the teaching learning process, moments that favor the development of mathematical skills and competences.

**Keywords:** Following teaching. Active methodologies. Student protagonism.

## References

- [1] ANASTASIOU, L. G. C; ALVES, L. P. Estratégias de ensinagem. In: ANASTASIOU, L. G. C; ALVES, L. P. (Orgs). Processos de ensinagem na Universidade. Pressupostos para estratégias de trabalho em aula. 3. ed. Joinville: Univille, 2004. p. 67- 100.
- [2] BASSALOBRE, J. Formação de professores, ética e responsabilidade social. Educere et Educare – Revista de Educação, Cascavel/PR, v.8, n. 15, jan./jun. 2013.
- [3] BERBEL, Neusi. As metodologias ativas e a promoção da autonomia dos estudantes. Semina: Ciências Sociais e Humanas, Londrina, v. 32, n. 1, p. 25-40, jan./jun. 2011.