

**ZMATH 2003b.01350**

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**The sense of the infinite in medium level children: An investigation. (Ricerca sul senso dell'infinito nei ragazzi della scuola media.)**

Boll. Docenti Mat., No. 45, 75-83 (2002).

During two weeks the pupils of a 9<sup>th</sup> grade class (last year of low secondary school) did a research work on some issues regarding the infinite, particularly the infinite series and the cardinalities of infinite sets. The results, as well as emphasizing the lack of all that concerns the understanding of the concept of infinite from the official programmes, also pointed out some interesting phenomena which involve the didactic contract, the image of mathematics among the pupils and the consistency in their reasoning.

*Classification:* E63