

ABSTRACT

The thesis is devoted to the *Entamoeba histolytica*, a protozoan that causes a serious disease known as dysentery. The aim is to characterize this organism in detail, its life cycle, transmission and health risks.

The thesis deals with the analysis of the content of five selected natural science textbooks for the second grade of elementary schools, while the main subject of research was information related to the *Entamoeba histolytica*. The results of the analysis showed that current textbooks do not fully reflect current scientific knowledge related to this topic.

Based on the knowledge gained, a comprehensive set of learning activities was created and designed, it includes modern didactic methods such as the INSERT method, puzzle learning or the use of mind maps.

The pilot verification of these teaching methods and activities, carried out at a primary school, produced good results. It turned out that the proposed educational activities increased pupils' awareness of the *Entamoeba histolytica* and also strengthened their interest in the broader topic of parasitology, which testifies to their potential as an effective tool in the educational process.

KEYWORDS

Entamoeba histolytica, parasitology, dysentery, natural history textbook, learning activities