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Abstract

"Understanding Digitization". How can basic knowledge of digitization be taught in teacher training and in the classroom?

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How can today's students be taught how computers work?

In this paper I will present a curriculum for the 8th grade in which the basics of digitalization can be taught. The challenge in dealing with the above-mentioned topic is primarily that some required knowledge of physics is not yet present in the students, since, according to the curriculum for Waldorf schools, digital technology is taught in the 9th grade and electricity in the 11th grade.

On the other hand, the lessons in the 8th grade are not given by specially trained class teachers, so that the teaching materials must be designed in such a way that even teachers who do not have a pronounced affinity for "technical" topics feel addressed and can prepare themselves comprehensively for the lessons.