

Abstract: The aim of this thesis is implementation of e-learning activities to teaching mathematics at an upper Secondary school. The thesis first defines the general concepts related to e-learning and describes Túúdle tools, presents materials used in the project - the definition and basic characteristics of functions. The other materials (function characteristics, linear function, quadratic function) are included on the DVD. The final part of the thesis presents evaluation of the author's as well as other teachers' and pupils' experience with e-learning in teaching at one upper secondary school.

Keywords: e-learning, Túúdle, mathematics education