ABSTRACT
Thema in aim of this bachelor thesis is mining of uranium ore and its impal on the environment of the Dolní Rožínka area. The first part is focused on a knowledge summary of mineralogical and geological overview, which limits are examined area and characterises uranium bearings in Rožná. It is dealt also with the history of uranium mining and oves a brief technological activities in processing of the raw uranium under responsible company of DIAMO, represented by the GEAM Dolní Rožínka. Furthermore some specific aspects of activities are described in a relation to rehabilitation and recultivational measures in afected area of Dolní Rožínka. Second part is dealt to individual aspects of negativ impal on environment and the risk some radionuclids escaping into surrounded nature, especially a local waters, the air and the soil and ganges within surroundings with secondary formativ of ecosystems. This is a demonstrativ that meaning of uranium has an impal on helth miners and employees of chemical department as well as locals. The last part of thesis presents the possibilities of implementation of the studied topic in Primary School education.

KEYWORDS
Uranium, mining, landscape recultivation,environment, teaching, primary school