

ABSTRACT

This thesis is focused on the popularity of biology topics among pupils sixth through ninth graders. The aim is to identify popular and less popular topics of biology, to verify the existence of a relationship between the popularity of the certain topic and an evaluation at school final report. Another aim is to also to determine whether gender or age has a statistically significant impact on the popularity of biology. At first, the thesis focuses on the system of curricular documents in the form of education programme (so called „RVP“ and „ŠVP“) for understanding the organization and content of teaching biology a primary school. At second, I have also focused on theoretical description of pupils' personality and its specifics at primary school which is crucial in order to understand their behaviour and characteristic attributes at their age. Furthermore, this thesis also explains the concepts of a subject popularity and pupils' motivation, then identifies and analyses existing domestic and foreign studies dealing with the same or similar topic. The popularity of individual topics of biology was investigate by means of a research tool in the form of a 5-level Likert type survey. The validity and reliability of the used research tool was verified. The research sample consists of 249 pupils from 6th to 9th grade from one school in Prague. The most popular topics were human biology and animal biology, while fungal and plant biology were the least popular. In my investigation, a correlation between popularity of a topic and pupils' final grade on the report was identified. Moreover, a statistically significant effect of age and gender on the popularity of biology was also confirmed.

KEYWORDS

biology, popularity, pupils, primary school, questionnaire survey, gender, age