

## **Abstract**

**Title:** Heredity influence and motor development in preschool children

**Objectives:** Objective of this work is evaluation of heredity of movement evolution according to available literature.

**Methods:** Thesis has a recherche character. Information for our research were found in available scholar and internet sources. The thesis is divided into two parts. In the first part there are clarified basic terms about heredity, motor development and genetic determination. The second part is focused on particular life periods of kids up to 6 years old and their motor development in their life periods.

**Results:** Current motorics of preschool children is significantly genetically determined. Literature corresponds in about 50% of determination.

**Keywords:** heredity, development, motoric