Abstract: This thesis is one of the first in the Czech Republic dealing with the theme of gifted students in geography. The main aim of the thesis is to define the character of gifted grammar school student in geography. This wide and interdisciplinary theme is then divided into several scientific subthemes and questions. The basic theoretical approaches to the definition of gifted students generally and gifted students in geography are discussed in the theoretical background. The research part contains of the content evaluation of the International Geography Olympiad and the outcomes of the structured guided interviews. The content of the questions of the International Geography Olympiad is evaluated through the own constructed structured evaluation and then these questions are compared to the official Czech requirements for the graduation exam in geography. The outcomes of the guided interview are organized and interpreted using the method of the framework analysis. Despite the few problems while getting and analysing the data, there are finally defined the main characteristics of the gifted grammar school student in geography in the summary of this thesis.