The work deals with the characteristic of the students of the first-stage primary school teaching preparation in natural science, homeland study and basic study teaching. The work focuses on the characteristic of the basic curicular documents of the subjects mentioned above for teaching in primary schools, futhermore the work interprets the system of teachers preparation regarding these subjects in faculties dealing with this issue and analyses students' opinions of updating preparation in the didactics of natural science, homeland study and basic study. The work includes subject matters and suggestions how to innovate and update students' preparation and teachers' further training.