This volume represents the proceedings of the 6th Workshop on Cloud Technologies in Education (CTE 2018), held in Kryvyi Rih, Ukraine, in December 21, 2018. It comprises 36 contributed papers that were carefully peer-reviewed and selected from 59 submissions. The accepted papers present the state-of-the-art overview of successful cases and provides guidelines for future research. The volume is structured in five parts, each presenting the contributions for a particular workshop track.