

## ABSTRACT

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*Mathematics is a subject study which implementation used in every day life. Students 1<sup>st</sup> and 2<sup>nd</sup> grade elementary school are still unfamiliar with mathematics and less sample tools so requires be patient of teaching and interesting for his age. Based on that issue then made the learning game for children grade 1 and 2 using Construct 2. Android based learning game for 1<sup>st</sup> and 2<sup>nd</sup> grade elementary school using Construct 2 is a multimedia application that is useful as a medium of learning mathematics to materials 1<sup>st</sup> and 2<sup>nd</sup> grade elementary school. This game not only invited to play but also mathematics learning. This game build using Construct 2 and exported to apk Android using Intel XDK. This game have 4 genre that is platform, RPG, catching, and the adventure is divided in 10 gaming post. Users can save data gaming post and open data gaming pos that is already open. With build of this game, students 1<sup>st</sup> and 2<sup>nd</sup> grade elementary school can more easily learning the mathematics while playing.*

*Keywords: Mathematics, Construct 2, Android, Mobile Learning*