

1 Introduction

Children naturally start their academic life intrinsically motivated to learn, but researchers found that during middle school many children’s interest in schooling declines (1). Stanford’s Smart-Primer project (2) aims to tackle this decline by using narrative-based learning. This research is part of the Smart-Primer project and aims to contribute by using Reinforcement Learning to provide children with hints while they try to solve a geometry problem. This could be a solution to the problem of increased labor that narrative-based learning inherently brings along.

