

Overview of Growth Hatch Early Learning Fall 2021

Ignite by Hatch™ is the only adaptive, digital learning solution for preschool, pre-kindergarten, and kindergarten that accelerates whole child development across 7 domains (of development and learning) with emphasis on social-emotional development, mathematics, and literacy. In as little as 30 minutes of independent play per week, children make meaningful progress toward their school readiness goals, thereby providing teachers and administrators real-time, objective, and actionable data. The primary goal of Ignite is to provide children with play-based, research-backed experiences, helping ensure they have the necessary skills to be successful learners. Ignite allows children to play independently, providing teachers real-time data, and allowing children to continuously work toward their next developmental milestone.

This study aims to investigate children's growth within the domains of social studies, science, social-emotional development, physical, language and communication, mathematics, and literacy. The sample included children from across the country, varying in geographic and ethnic backgrounds, as well as children at all levels of development and learning. To ensure fidelity, children in the sample were asked to play a minimum of 30 minutes per week. The sample included children in preschool and pre-kindergarten classrooms.

Important Findings

The results of our study establish that children in both preschool and pre-kindergarten programs who played at least 30 minutes per week prior to 11/2020 found:

- After only 3 months of play, 1 developmental level was accomplished for all children.
- After 6 months (or more) of play, 2 developmental levels were accomplished for all children, across all domains.

Additionally, data from the study supports the findings that children using Ignite with fidelity make significant progress toward their individual readiness goals. Ignite provides unique “readiness” goals for preschool, pre-kindergarten, and kindergarten children, which allows teachers to individualize the support they provide the children in their classroom.

Conclusion

It is important that any assessment measure provides an accurate picture of how “ready” children are for school, and it is equally important to ensure significant growth is possible. Ignite has proven to be a valid and reliable assessment tool for preschool, pre-kindergarten, and kindergarten children. Using Ignite with fidelity, (i.e., 30 minutes each week), allows children to make significant progress towards their readiness goals. The results of this study validate that when implemented with fidelity (30 minutes of independent play per week) for six months, children will accomplish 2 development levels of growth across all domains. Hatch is committed to ongoing and rigorous validation research and will continue to release technical reports to support the efficacy of Ignite by Hatch. A future study in progress will focus on the amount of growth possible if time playing is increased.