



## Benefits Of The Digital Technology Use In Preschool Children

Zeynal YASACI<sup>1</sup>, Rüstem MUSTAFAOĞLU<sup>2</sup>

1Harran University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Şanlıurfa

2Istanbul University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Department of Neurological Physiotherapy and Rehabilitation, Istanbul

### Abstract

The post modern period has changed many habits and life styles of social life, and has made electronic devices and computers that produce, use and store information an indispensable part of everyday life. Nowadays, children who can reach the information very fast and effectively through the internet, also enjoy the convenience of reaching digital games in the same way. According to the data in 2017 the number of mobile phone subscribers in Turkey 78 million, while the number of internet subscribers is about 68 million. The study was conducted between January 15 and March 4, 2018, based on the views of 101 parents who are children in the 0-6 age group. Online questionnaire software (Google Documents) was utilised to design the online survey and to collect data. This was consistent with the methodology of previous research. The online survey firstly asked basic demographic questions such as age, gender and occupation. A questionnaire prepared by the researchers asked parents 14 possible benefits of playing their children's digital games. Responses given by the parents to the questions were recorded and analyzed. The average age of the parents participating in the study was  $32.7 \pm 6.9$  years. It was determined that 20,6% of the parents' education levels were graduate, 42,3% were undergraduate and 14,4% were high school. According to parents, the benefits of children's digital gaming habits are already right; 61.4% used children's games as educational material, 60.2% created opportunities to learn new things, 44.8% wanted to explore and learn new things, 39.1% 32.8% contribute to foreign language learning and development, 30.7% help to develop mental skills, 28.2% contribute to hand-eye co-ordination, 18% 7% contribute to motivation and leisure, 16.6% contribute to the development of creativity, 14.1% contribute to the development of fine and coarse motor skills, and 12% improve the writing and communication skills, 11,2% allow the development of problem-solving, reasoning, analysis and decision-making skills, 9,5% of children are socialized, and 6,2% they said they gave the opinion that they are hanging. Parents participating in the study reported that children played digital games on many platforms (tablet, computer, smartphone, etc.). According to the findings of the study, it was reported that children who play digital games use these games as educational material, increase their desire to discover and learn new things,



## International Child and Information Safety Congress

### “Digital Games”

April 11–13, 2018 – Ankara, TURKEY

help children to stay calm while eating and at home or abroad, and to contribute to foreign language learning and development. It has been proved that video games with educational content have positive effects on children. These games make learning fun. Surveys have found that all video games, including violent games, encourage children to think about the ways and means to reach their goals. This teaches them the ability to make plans and deal with complex situations. Video games are interactive games that your child must constantly practice to be the best. Despite the usefulness of digital gaming, we think that parents should be careful about the length of the time and the dependence of the child on playing digital games.

**Key words:** Technological device, Child, Language development



International Child and Information Safety Congress  
“Digital Games”  
April 11–13, 2018 – Ankara, TURKEY