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Conducting cybersecurity research in children is important, due to the fact that the future of the cyber world is going to be dependent on today's youth. Also, most research on usable security has focused on adults. It's important to acquire more studies on children because researchers benefit from having an available understanding of the knowledge held by children. In 2019, 189 studies were conducted in two Midwestern schools in the US. The goal was to survey children's practices, perceptions, and knowledge towards passwords. Students were in 3rd to 8th grade. Only 13% of children created strong passwords, since generating these requires strong cognitive and linguistic skills, which are common skills to not have mastered at that developmental stage.

The method used to survey students was a self-report survey to understand what difficulties children faced regarding passwords. The questions asked them things related to their use of computers, passwords, knowledge and feelings about passwords, as well as information about grade and gender. Children and adults have to act a little differently when it comes to passwords. Children and students only have to remember around 5 passwords, while adults may have to remember upwards of 20. So, children employ good password practices such as limiting the amount of passwords they have, writing them down, and logging out after each session. Meanwhile, adults don't limit passwords they have, but have stronger cognitive abilities to create stronger ones.

Overall, the study found that students have a positive attitude towards passwords. They acknowledge the importance of passwords, and that they provide access controls, protect their privacy as well as their things/stuff. As stated earlier, studies like these are important because it allows researchers to have a better understanding of children's knowledge of cybersecurity.