

Behind the Screens: The Security & Privacy Advice Landscape of Children in Grades 5 & 6

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Motivation

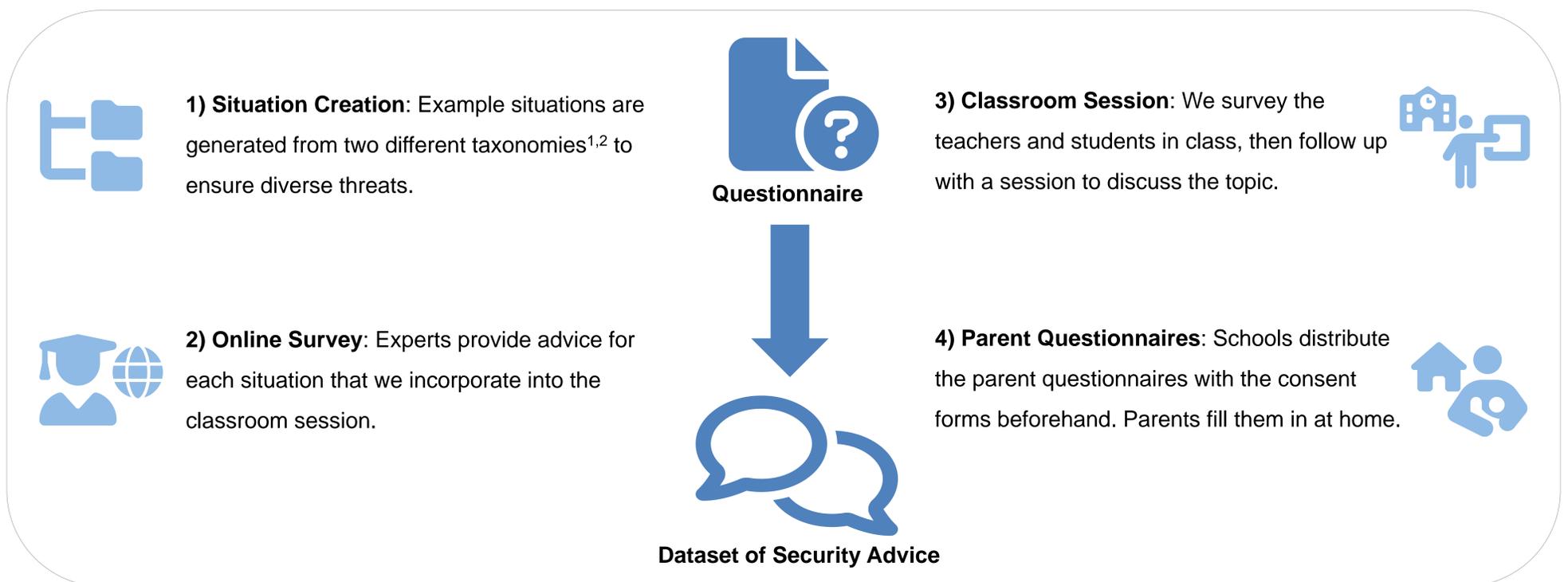
Despite the inevitable need to empower children against online threats, the space of **what children know about security and privacy is insufficiently explored**. This is of interest not only to security researchers, but also to educators. As a first step in exploring the space of children's knowledge about security and privacy, we set out to **collect security and privacy advice of children in grades 5 & 6**, as well as from their **parents and teachers**.

Research Questions

RQ1: What advice for secure online behavior on the Internet do children in grades 5 and 6 give?

RQ2: What advice for secure online behavior on the Internet do their teachers and parents give to children in grades 5 and 6?

RQ3: What are the sources of this advice?



Survey Excerpt



I found audio recordings of my voice on my cell phone. But I am sure that I haven't recorded them.

Outlook

Pending final analysis of the data, we collected 200-300 viable questionnaires from students and 100-200 associated questionnaires from parents. Additionally, we collected 20-30 questionnaires from teachers.

The collected data will help us gain insights into the ideas of advisable behavior children (**RQ1**) and their support network (**RQ2**) have. We also plan to verify the hypothesized influence of the support network (**RQ3**).

References

- 1) Farzana Quayyum, Daniela S. Cruzes, and Letizia Jaccheri. 2021. Cybersecurity awareness for children: A systematic literature review. *International Journal of Child-Computer Interaction* 30 (2021), 100343.
- 2) Andreas Tsirtsis, Nicolas Tsapatsoulis, Makis Stamatelatos, Kwstantinos Papadamou, and Michael Sirivianos. 2016. Cyber Security Risks for Minors: A Taxonomy and a Software Architecture. In 11th International Workshop on Semantic and Social Media Adaptation and Personalization. 93–99.



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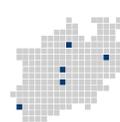
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