HOW DID THE COVID-19 PANDEMIC AFFECT THE ACADEMIC COMMUNITY OF PEDRO II SCHOOL/ SÃO CRISTÓVÃO III CAMPUS?

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The GPMatEM (Research Group in Mathematics for High School) emerged in 2017 and remains to this day with the purpose of using mathematical tools to help in the analysis of situations and phenomena that arouse curiosity in scholar education students. For extraordinary reasons, the group's meetings began to take place remotely during 2020. Our main research axis in the pandemic period was COVID-19 and its influence on the world. We analyzed recent studies in the area with the constituents of the group.

While still meeting remotely, the statistics subgroup addressed the issue of how the COVID-19 pandemic could be influencing the school community of Campus São Cristóvão III in 2021. To this end, a survey was planned to collect data from students, teachers, and campus staff, which culminated in the elaboration of a questionnaire to collect these data. In this way, the group experienced two stages of the statistical investigative cycle during this period: the formulation of the research question and the entire planning for data collection.

Now in 2022, the research continues with the phases of: data collection (implementing the questionnaire), exploratory data analysis of the results and generation of hypotheses, organization of conclusions, and presentation of results to the community. Our objective is to understand how the COVID-19 pandemic impacted the school community of Campus São Cristóvão III and the perceptions of this group about how vaccination may have contributed to reducing the spread of the virus. The research results may serve as a basis for constructing mechanisms that better welcome the members of this community to return to face-to-face meetings, enabling classroom work to occur more significantly with this population that was affected by the pandemic.

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