

2nd Cryptography Treasure Hunt an introduction to number theory based cryptography

Numbers 4 Safety

6 June 2024, Walter Payton College Prep, Chicago, Illinois, USA



After a school year full of club activities, Numbers 4 Safety led a new edition of its flagship event, the *Cryptography Treasure Hunt - an introduction to number theory based cryptography*, at the Walter Payton College Preparatory High School in Chicago, Illinois, USA.

With the approval of Payton's administration, the event took place on June 6, 2024, on the main floor of the high school. It was organized by Bogdan Jones and Darius Jones, with the enthusiastic support of fellow student Eric Chen.

High schoolers with different levels of interests in mathematics and computer science took part in the event. Some were pros at writing algorithms to decrypt the ciphers, others were successful Math Team members, yet others were curious about applications of mathematics outside the school curriculum.

After being presented with the fundamental of each cipher, the participants worked in teams to decrypt the clues. At the end, everybody rejoiced in finding their own treasure!



Happy laureats of the 2nd Cryptography Treasure Hunt