DECODUM

STUDY GUIDE

LAHORE GRAMMAR SCHOOL JOHAR TOWN FOR BOYS

INNOVENTIONS

'25 · INDULGE · INVENT · INNOVATE

12 · 13 · 14
SEPTEMBER

Round 1:
Delegate Count: 1-2
Duration: 1 hour 30 minutes

Teams will work together to solve a variety of puzzles, testing logic, pattern recognition, and teamwork. Every puzzle solved reveals a single letter, and completing them all will unlock a hidden word. This word will reveal the surprise theme for Round 2, giving prepared teams a small edge. Accuracy and cooperation will be just as important as speed in this round. Each puzzle will also carry weighted points that may help in the qualification for Round 3.

Requirements: Stationery

Delegates should have knowledge of:
- Sudoku
- Chess
- Kakoru
- KenKen
- Crosswords

Note: This is an accumulation round.

Round 2:
Delegate Count: 2–3
Duration: 2 hours 30 minutes

Teams will face a chain of six interconnected cipher puzzles, where each solved challenge unlocks the next stage. Progression relies on correctly deciphering clues and interpreting narrative hints. Some clues will require an additional guess that, if correct, will award a valuable bonus hint for the following puzzle. Only half of the competing teams will advance from this round, so quick thinking and strategic choices will be vital.

Cipher guide will be provided.

Note: In case of incompletion, accumulated points from Round 1 and Round 2 will decide which team qualifies. Round 2 is an elimination round.

Round 3:
Delegate Count: 2-3
Duration: 3 hours

In this Alternate Reality Game (ARG), teams will navigate an interactive investigation based on fragments of a person's encrypted and distorted life. Clues will be hidden across digital and creative spaces, requiring teams to think laterally, decode cleverly, and piece together a larger story. Success depends on both technical skill and intuition. This is the final elimination round of the competition, the first team to finish will win. Runners-up will be decided using the points from previous rounds.

Requirements: Laptop, Photoshop/Photopea, Audacity, Hashcat, Hexadump, Cryptii

Cipher Guide: Decodum Study Guide

Note: Use of Artificial Intelligence is strictly prohibited and may result in disqualification.