

FIBBONACCIS TRIAL

Mathematics is more than numbers on a page it is a game of patterns, decisions, logic, and calculated risk. Fibonacci's Trials challenges delegates to think strategically while solving problems that grow progressively more demanding. Across three rounds, teams will unlock interconnected mathematical challenges, compete head-to-head on a living game board, and make high-stakes decisions where every answer can change the outcome. Accuracy alone will not be enough; teams must know when to advance, when to take a risk, and when to play it safe.

Delegates per team: 3-4

Round 1 :

Teams will be given four consecutive sets of mathematical problems, with a certain time allocated to each set. Within the given time, teams must solve as many questions as possible, with marks awarded for every correctly solved question. Each set will progressively increase in difficulty, requiring teams to apply increasingly complex mathematical reasoning and problem-solving skills. At the end of the round, the team with the highest total score from correctly solved questions will rank highest.

Round 2 :

In Capture the Flag, mathematics becomes the key to movement. Two teams compete on the same mathematical grid, attempting to reach their opponent's base, capture their flag, and return safely home. Every move must be earned by correctly solving a mathematical problem, while an incorrect answer leaves the team in place. As teams enter opposition territory and eventually attempt to return with the flag, the difficulty increases, turning the journey into a battle of mathematical accuracy, teamwork, and endurance.

Round 3 :

The final round, High Stakes Poker, transforms mathematical problem-solving into a game of calculated risk. Instead of traditional playing cards, teams receive Problem Cards, each containing a mathematical challenge with a hidden value. Before attempting a problem, teams must decide whether to Fold, Call, Raise, or go All-In. Special cards such as Joker, Insurance, Steal, and Double Down can alter the course of the game. As the challenges become harder, teams must determine not only whether they can solve a problem, but whether it is worth betting everything on their answer.