

Game Theory: Strategies and Payoffs

Subject: Finance,
Economics

Grade Level: 9-12

Concept: Risk & Grit

Method: Facilitation
& Coaching

OVERVIEW

In this lesson, students will learn about game theory. In particular, students will think about the standard prisoner's dilemma as it relates to routine business decisions. Students will compare and contrast one-time games and repeated games, looking at the incentives for cooperation in both. After reading the Knowledge@Wharton article, "Forecasting in Conflicts: How to Predict What Your Opponent Will Do," students will think about game theory in personal decision making by playing a short game.

[Read Full Lesson](#)

Connection to Entrepreneurship: Students will learn about game theory. In particular, students will think about the standard prisoner's dilemma as it relates to routine business decisions.

