

# The Legacy Code: The Altruism Paradox

(Year 9 - Ages 14-15)

## Lesson 1 of 9

Name: \_\_\_\_\_ Class: \_\_\_\_\_

**Mission Briefing:** Is kindness just a weakness? Or is it a survival strategy? Today, you will use Game Theory and Neuroscience to crack "The Legacy Code"—the hidden algorithm that drives human cooperation.

### Part I: The Simulation (Split or Steal)

**Scenario:** You and a partner have a pot of points/chocolate. You must secretly choose to "Split" (Share) or "Steal" (Keep).

Your Choice	Partner's Choice	Outcome
Split	Split	Win-Win: You both get half.
Split	Steal	Sucker's Payoff: You get 0. They get 100%.
Steal	Split	Jackpot: You get 100%. They get 0.
Steal	Steal	Lose-Lose: You both get 0.

Result of your game: \_\_\_\_\_

**Analysis:** Why is "Stealing" tempting? Why is "Splitting" (Cooperation) better for the group in the long run?

**Connection:** How is Organ Donation like choosing to "Split" with a stranger?







