

# The Alchemist's Codex

## 1. The Scale of Impact (Lesson 1 – The Butterfly Effect)

**Key Fact:** 1 donor can save up to 7 lives and help many more through tissue donation.

**Metaphor:** A single spark can ignite an entire chain reaction.

**Purpose:** To show students how one choice can ripple outward into families, communities, and future possibilities.

## 2. The System Behind the Science (Lesson 2 – The Network)

**Key Fact:** Donation is rare – only 1–2% of hospital deaths result in conditions suitable for organ donation.

**Metaphor:** The Donation Network is a delicate system where each connection must activate at just the right moment.

**Purpose:** Students understand why donors are precious and why every “activation” matters.

## 3. The Journey Through the Laboratory (Lesson 3 – The Lab)

**Key Fact:** Donation involves several precise steps: identification → consent → retrieval → transport → transplant.

**Metaphor:** A sequence of “Alchemist’s Steps” that must be completed in perfect order.

**Purpose:** To demystify the process while maintaining sensitivity and clarity.

## 4. The Future Map (Lesson 4 – Restoring Time)

**Key Fact:** A transplant can restore years of life, opportunities, and personal goals.

**Metaphor:** Donation uncovers the “frozen pathways” on someone’s Future Map and allows life to move again.

**Purpose:** Highlighting that donation is fundamentally about restoring time, choice, and possibility.

## 5. The Catalyst: Family Conversation (Lesson 5 – Activation Energy)

**Key Fact:**

- 8 in 10 families say YES when they know their loved one's wish.
- Only 4 in 10 say YES when they don't know.

**Metaphor:** The “Master Key” that unlocks the chain reaction is a simple family conversation.

**Purpose:** Showing students the ethical importance of communicating wishes early.



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## 6. The Clock: Timing Is Everything (Lesson 6 – The Viability Clock)

### Key Facts:

- Hearts last ~4–6 hours on ice.
- Lungs ~6 hours.
- Liver ~12 hours.
- Kidneys ~24–36 hours.

**Metaphor:** Every organ has its own “viability clock,” ticking toward transformation.

**Purpose:** Reinforcing why speed, logistics, and medical precision matter – without graphic details.

## 7. The Ethical Systems (Lesson 7 – Global Consent Models)

**Key Fact:** Countries use different systems to identify donors – Opt-In, Opt-Out, and variations.

**Metaphor:** Different nations use different “Alchemist Frameworks” to activate the chain of donation.

**Purpose:** Students learn how societal systems shape outcomes, and how ethics are central to every model.

### How Teachers Use This Codex

- Print as a single reference sheet
- Display on the board during Lessons 8–9
- Provide to student groups doing persuasive “Broadcast” tasks

Use as a scaffold during revision, debates, or ethical reflection

