Quantumpreneurship - Quantum Startup Challenge

Notes for facilitators

Purpose of the Activity

This exercise introduces quantum thinking without mathematics by letting participants experience:

- **uncertainty**

- **non-linearity**

- **interdependence**

- **emergence**

- **feedback loops**

It also builds:

- **entrepreneurial mindset**

- **adaptability**

- **embodied storytelling**

- **tolerance for ambiguity**

Key Concepts (Translated Simply)

Quantum Concept	How It Appears in the Activity
Superposition	Startup exists as tech + social + art at once
Collapse	The final decision happens only at the pitch
Entanglement	Teams influence each other invisibly
Measurement	Interventions change outcomes
Probability	No guaranteed success path

How to Run Each Element

1. Multiple Identities (Superposition)

Do not let teams choose early.
 If they try to simplify, gently say:

> "Keep it open. Don't decide yet."

Discomfort is intentional.

2. Forest Objects

Encourage metaphorical thinking, not realism.
 Ask:

- "Why does this object fit?"

- "What happens if its meaning changes?"

3. Entanglement Mechanism

Before starting:

- **Secretly pair teams.**

- **When Team A changes something important, quietly tell Team B:**

    "Something has changed. You must adapt one element."

Do not explain why.

This creates:

- **frustration**

- **curiosity**

- **systems awareness**

4. No-Algorithm Pitch

If teams default to normal pitching:

- **interrupt gently**

- **remove structure**

- **remind them: *this is not Shark Tank***

Encourage:

- **silence**

- **spatial composition**

- **symbolic gestures**

5. Measurement / Disruption

Use short, clear shocks:

- **"Your main investor pulls out."**

- **"Your product causes social harm."**

- **"A new regulation bans part of your service."**

The key is adaptation, not perfection.

Debrief Questions (Essential)

After the activity, sit in a circle and ask:

- **When did you feel uncomfortable? Why?**

- **Who tried to control everything?**

- **What changed when others reacted to you?**

- **How is this similar to real innovation?**

- **How is this different from normal problem-solving?**

Only after reflection, briefly connect to:

- **quantum computing**

- **complex systems**

- **future technologies**

- **entrepreneurship under uncertainty**

Important Facilitator Note

Do not over-explain quantum theory.

Let participants feel first → name later.

This makes the learning:

- **inclusive**

- **memorable**

- **transferable**