

Innovation Diamond

Student Worksheet

Apply the 1 → 5,000 → 5 Framework to Your Own Challenge

Name: _____

Date: _____

Page 1: Define Your Challenge (1)

Your Innovation Challenge (write in 1-2 sentences):

Key Stakeholders (who is affected?):

1. _____
2. _____
3. _____
4. _____
5. _____

Constraints (check all that apply):

- Budget limitations
- Time constraints
- Technical feasibility
- Regulatory/compliance
- Resource availability
- Other: _____

Success Criteria (how will you know it worked?):

1. _____
2. _____
3. _____

LLM Prompt (copy and paste)

Help me refine this innovation challenge: [paste your challenge]. Identify 5 key stakeholders, potential constraints, and 3 measurable success criteria. Format as bullet points.

Page 2: Divergent Phase ($1 \rightarrow 1,000$)

10 Dimensions to Explore (different angles to approach your challenge):

1		6	
2		7	
3		8	
4		9	
5		10	

Initial Ideas (aim for 20-50, continue on separate paper):

- | | |
|----|-----|
| 1. | 11. |
| 2. | 12. |
| 3. | 13. |
| 4. | 14. |
| 5. | 15. |
| 6. | 16. |
| 7. | 17. |
| 8. | 18. |

LLM Prompt (copy and paste)

Given this innovation challenge: [challenge], generate 50 diverse solution approaches across these dimensions: [list your 10 dimensions]. Include unconventional and creative ideas. Number each idea.

Page 3: Peak Exploration (1,000 → 5,000)

Idea Combinations (mix ideas from different dimensions):

Idea A	+ Idea B	= Hybrid Solution

Theme Clusters (group similar ideas into 5 themes):

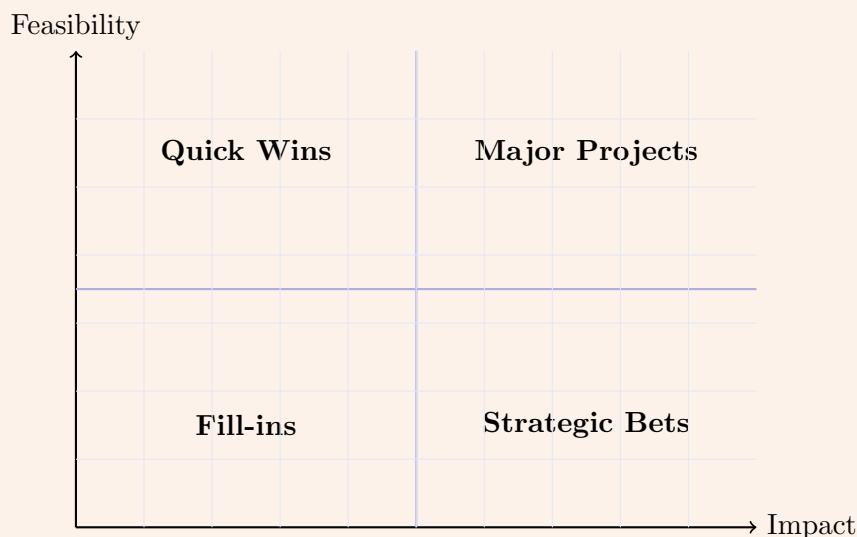
Theme 1: _____ Ideas:	Theme 2: _____ Ideas:
Theme 3: _____ Ideas:	Theme 4: _____ Ideas:
Theme 5: _____ Ideas:	

LLM Prompt (copy and paste)

Take these 50 ideas [paste list] and: 1) Identify 5 major themes, 2) Create 10 hybrid solutions by combining ideas from different themes, 3) For each hybrid, explain why the combination creates value.

Page 4: Convergent Phase (5,000 → 50)

Feasibility vs Impact Matrix (place your top ideas):



Top 10 Ideas (score each 1-5):

#	Idea Description	Feasibility	Impact	Total
1		/5	/5	/10
2		/5	/5	/10
3		/5	/5	/10
4		/5	/5	/10
5		/5	/5	/10
6		/5	/5	/10
7		/5	/5	/10
8		/5	/5	/10
9		/5	/5	/10
10		/5	/5	/10

LLM Prompt (copy and paste)

Evaluate these ideas [paste top 20] on: Feasibility (1-5, where 5=easy to implement) and Impact (1-5, where 5=high value). Return a ranked table with scores and brief justification for each.

Page 5: Final Strategies (50 → 5)**Your 5 Strategic Solutions:****Strategy 1:** _____

Description: _____

Key Actions: 1) _____ 2) _____ 3)
_____**Strategy 2:** _____

Description: _____

Key Actions: 1) _____ 2) _____ 3)
_____**Strategy 3:** _____

Description: _____

Key Actions: 1) _____ 2) _____ 3)
_____**Strategy 4:** _____

Description: _____

Key Actions: 1) _____ 2) _____ 3)
_____**Strategy 5:** _____

Description: _____

Key Actions: 1) _____ 2) _____ 3)
_____**30-Day Quick Start (first action for each):**

1. Strategy 1: _____
2. Strategy 2: _____
3. Strategy 3: _____
4. Strategy 4: _____
5. Strategy 5: _____

LLM Prompt (copy and paste)

From these top 10 scored ideas [paste], select 5 final strategies. For each: 1) Give it a memorable name, 2) Write a 2-sentence description, 3) List 3 concrete next actions, 4) Identify the main risk and mitigation.