

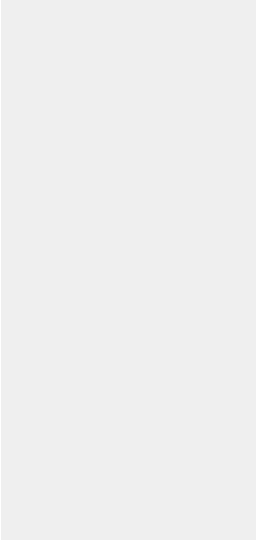
And you will read this at the end

**You will read
this first**

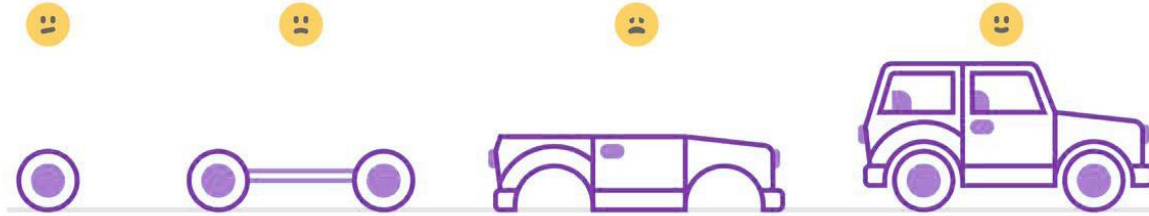
And then you will read this
Then this one



MVP (Minimum Viable Product)

- 
- Start with: “Why?”
 - Cut the fat, not the essence
 - Test, learn, adapt; kill your assumptions!

This is NOT MVP...



This IS MVP...





CHALLENGE BASED LEARNING

Engage

Melalui proses **Essential Questioning**, kita ubah ide abstract dari **Big Idea** ke **Challenge** yang lebih konkrit dan beraksi.

Investigate

Melalui **Guiding Questions and Action**, kita dapat membuat rencana dan berpartisipasi bersama sebagai fondasi untuk mencari **Solutions**

Act

Evidence-based Solutions adalah hasil yang kita buat, implementasikan untuk *real audience* dan di evaluasikan berdasarkan hasil riset.

CBL CANVAS

CHALLENGE TYPE

TEAM

VERS.

BIG IDEA



ESSENTIAL QUESTIONS



ESSENTIAL QUESTION



CHALLENGE

GUIDING QUESTIONS
CATEGORIZED AND PRIORITIZED

GUIDING ACTIVITIES AND RESOURCES

RESEARCH SYNTHESIS (WHAT WE LEARNED)

SOLUTION CONCEPT



NEXT STEPS



challengebasedlearning.org

Adapted from work by
SENAC BEPID and
NAPOLI IOS Academy And Foundations

The Framework

Big Idea

Essential Question

The Challenge

**Guiding
Questions**

Guiding Activities

**Guiding Resources:
Web and iTunes U**

Solution: Implementation

Evaluation/Assessment

Publishing: Student Solutions

Publishing: Student Reflections

A word cloud featuring various topics and concepts arranged in a non-uniform, scattered pattern. The words are in a dark blue, sans-serif font. The background is white, with a solid dark blue horizontal bar at the bottom. The words are of varying sizes, with 'Information' and 'Public Service' being among the largest. The topics range from academic and professional fields to personal and social themes.

Human Campus Information Public Service Politics
Sustainability Conflict Nature Transportation
Couple Passion Economy Media Environment Wellness
Entrepreneur Social Life Health Creative
Game Services Teens History Next Generation
Family Leadership Science Tech
School Education Finance Professionals

Examples of Essential Questions connected to Big Ideas:

- **Big Idea:** Community
Essential Question: How do we build supportive communities?
- **Big Idea:** Relationships
Essential Question: How can we improve relationships between groups in our school?
- **Big Idea:** Creativity
Essential Question: What is creativity and why is it important?
- **Big Idea:** Health
Essential Question: What is a healthy lifestyle?
- **Big Idea:** Resilience
Essential Question: How do communities recover from disasters?
- **Big Idea:** Democracy
Essential Question: How do we foster participation in democracy?

Examples of Challenges drawn from the Big Ideas and Essential Questions:

- **Big Idea:** Community
Essential Question: How do we build supportive communities?
Challenge: Build a supportive community!
- **Big Idea:** Relationships
Essential Question: How can we improve relationships between groups in our school?
Challenge: Improve relationships in our school!
- **Big Idea:** Creativity
Essential Question: What is creativity and why is it important?
Challenge: Use creativity to improve someone's life!
- **Big Idea:** Health
Essential Question: What is a healthy lifestyle?
Challenge: Be healthy!
- **Big Idea:** Resilience
Essential Question: How do communities recover from disasters?
Challenge: Help a community recover from a disaster
- **Big Idea:** Democracy
Essential Question: How do we foster participation in democracy?
Challenge: Involve Citizens in Democracy

Sample

Big Idea:
Sustainability

Essential Question:
What is the impact of my water consumption for community?

Challenge:
Help reducing family water consumption!