



A Student's Guide to

# Strategies for independent learning

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# Inquiry-Based Learning (IBL)

Effective  
implementation



# ≡ Productive Failure (PF)

A teaching approach that **encourages students to engage with complex problems** before receiving direct instruction.

PF is an **effective learning strategy**, especially in digital environments where independent learning is essential.

In digital self-education, PF is widely used in **platforms** like **Codecademy** and **Khan Academy**, where learners **attempt tasks independently** before receiving explanations.





# Digital self-experimentation

**Wearables**

**Apps**

**Advanced tools**





# Immersive microlearning



- **definition:** perceiving educational content in small, easily digestible chunks
- **application:** suitable for modern and busy lifestyle, but not for every case
- **form:** various forms in accordance to the concrete preferences, aims and context
- **result:** increase in learner engagement





# What is self monitoring?



## How does it work?

- setting learning goals
- monitoring **progress** towards these goals
- making adjustments

## Why is it useful?

- enhances academic performance
- equips learners with skills for **lifelong learning**
- fosters autonomy and motivation for **adaptability**



Thank you for the  
attention!

