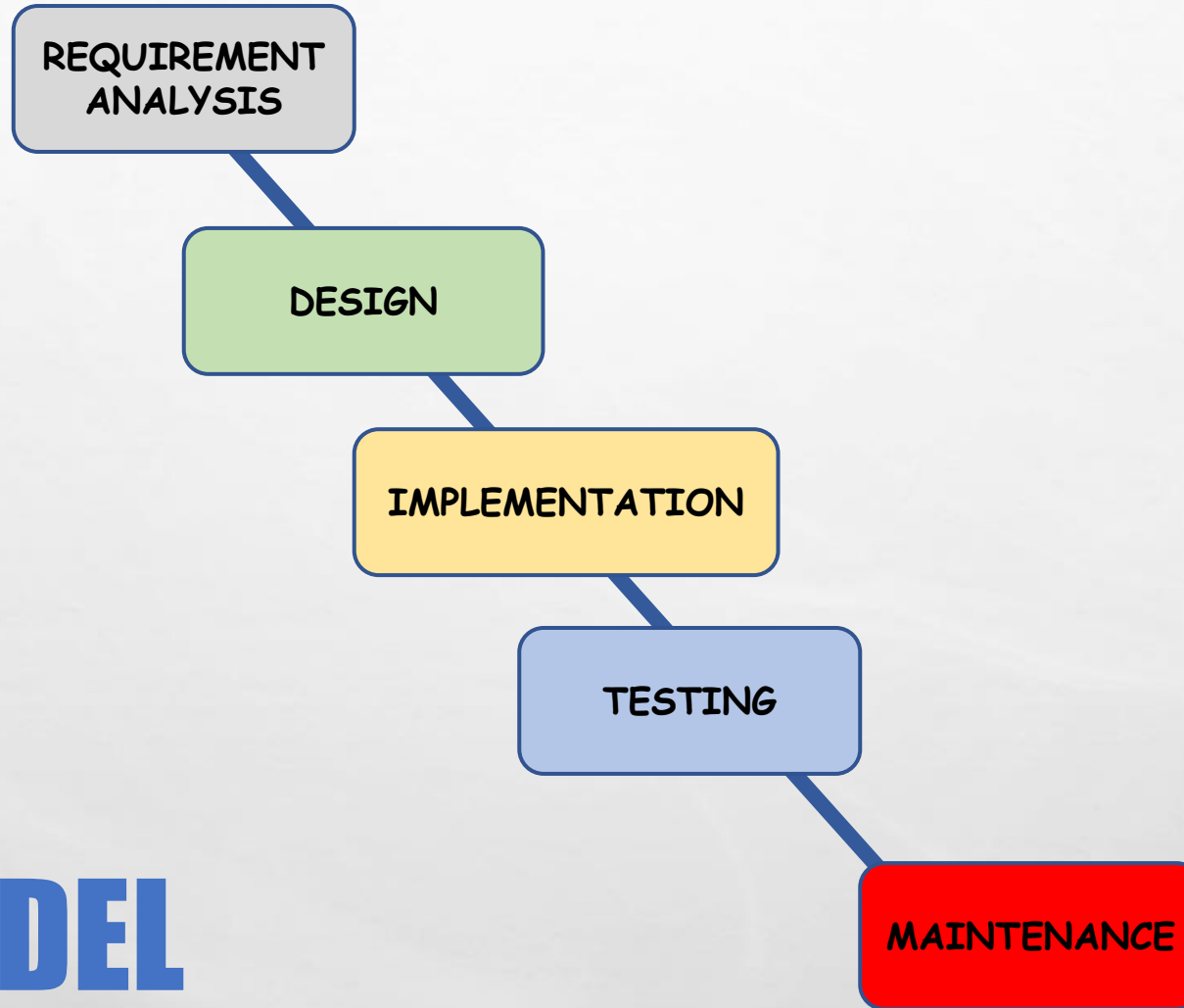
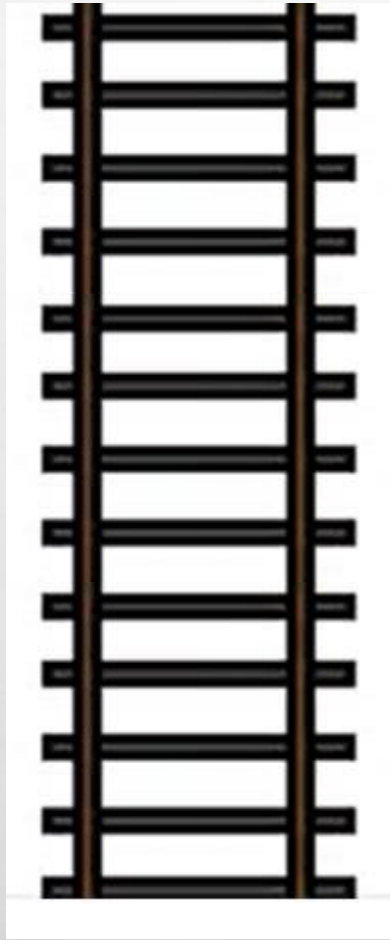


# PROCESS MODEL



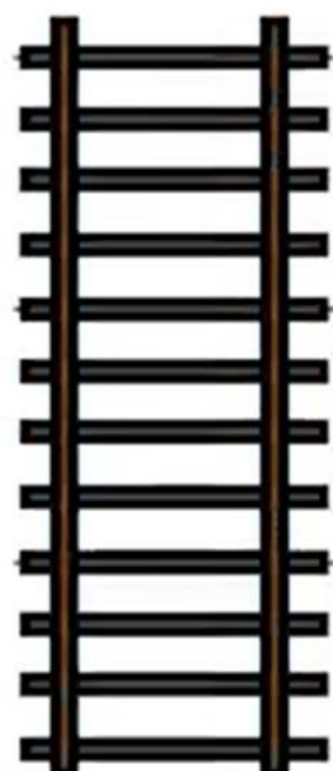
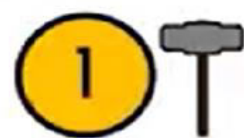
# LINEAR MODEL

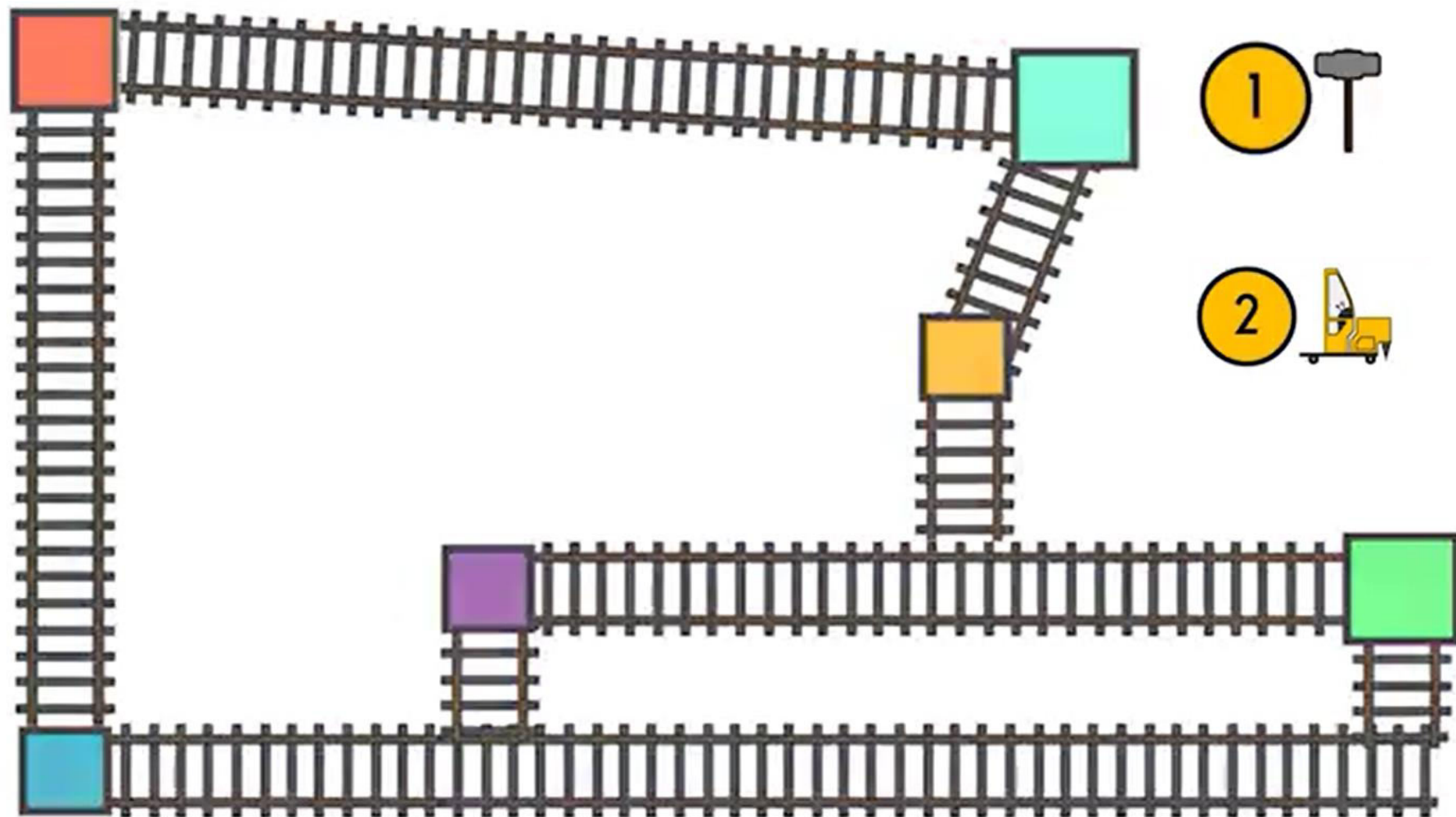




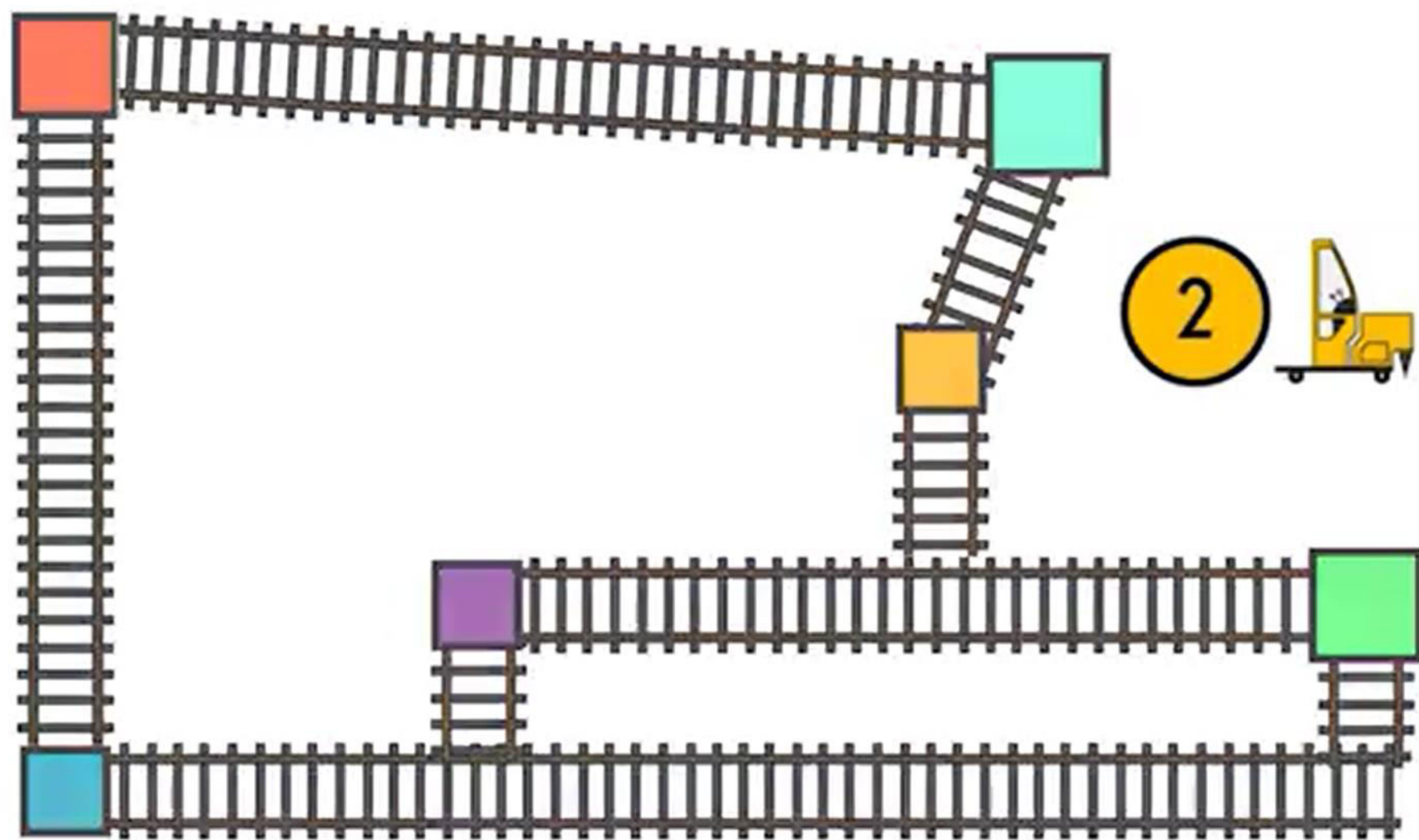


Track laid per day

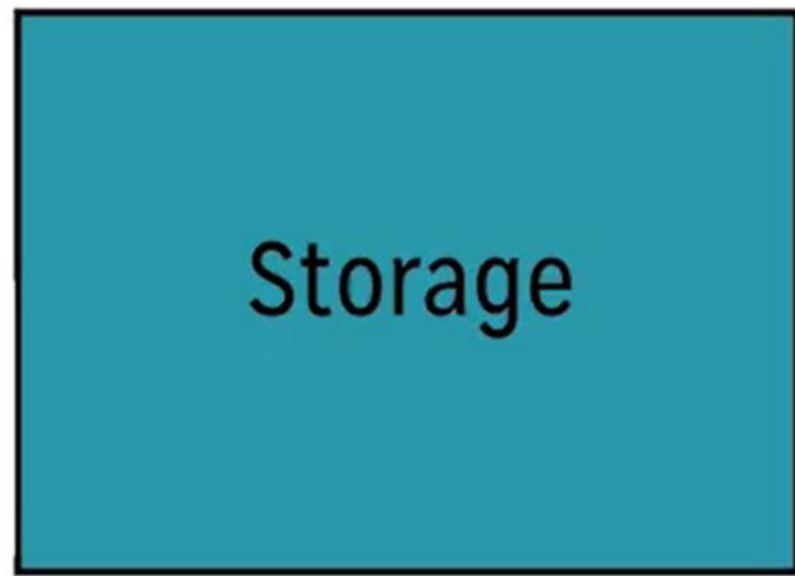


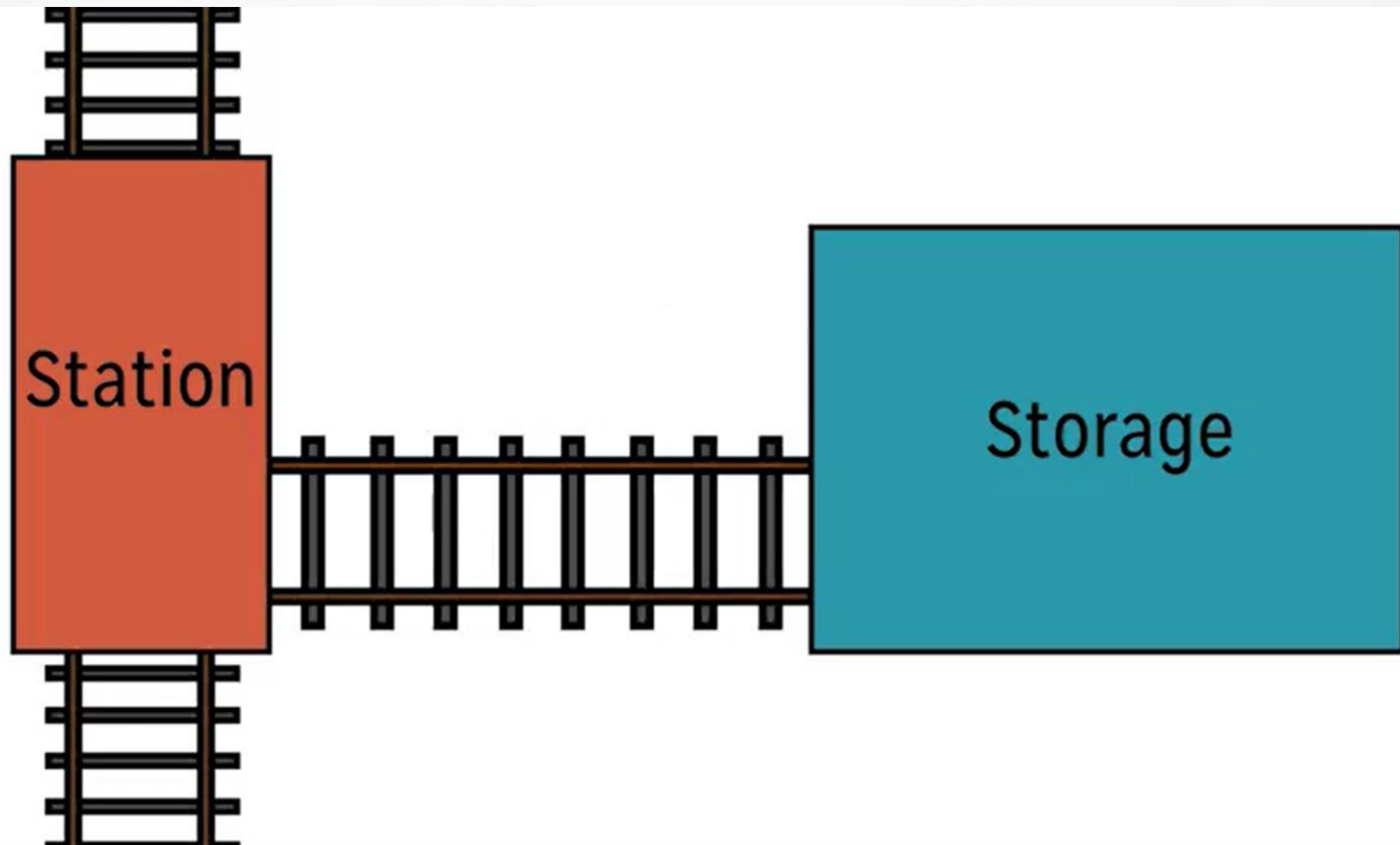


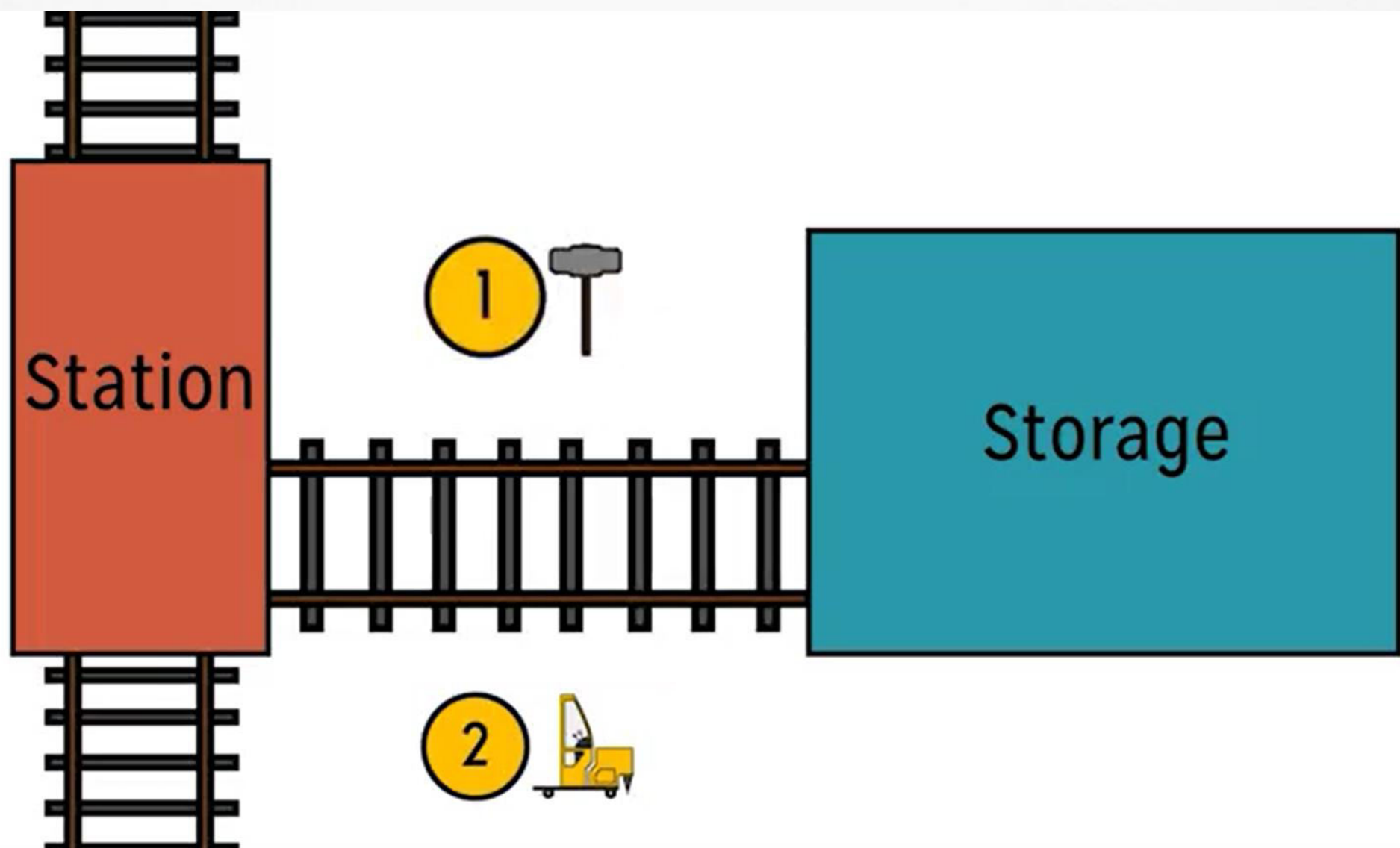


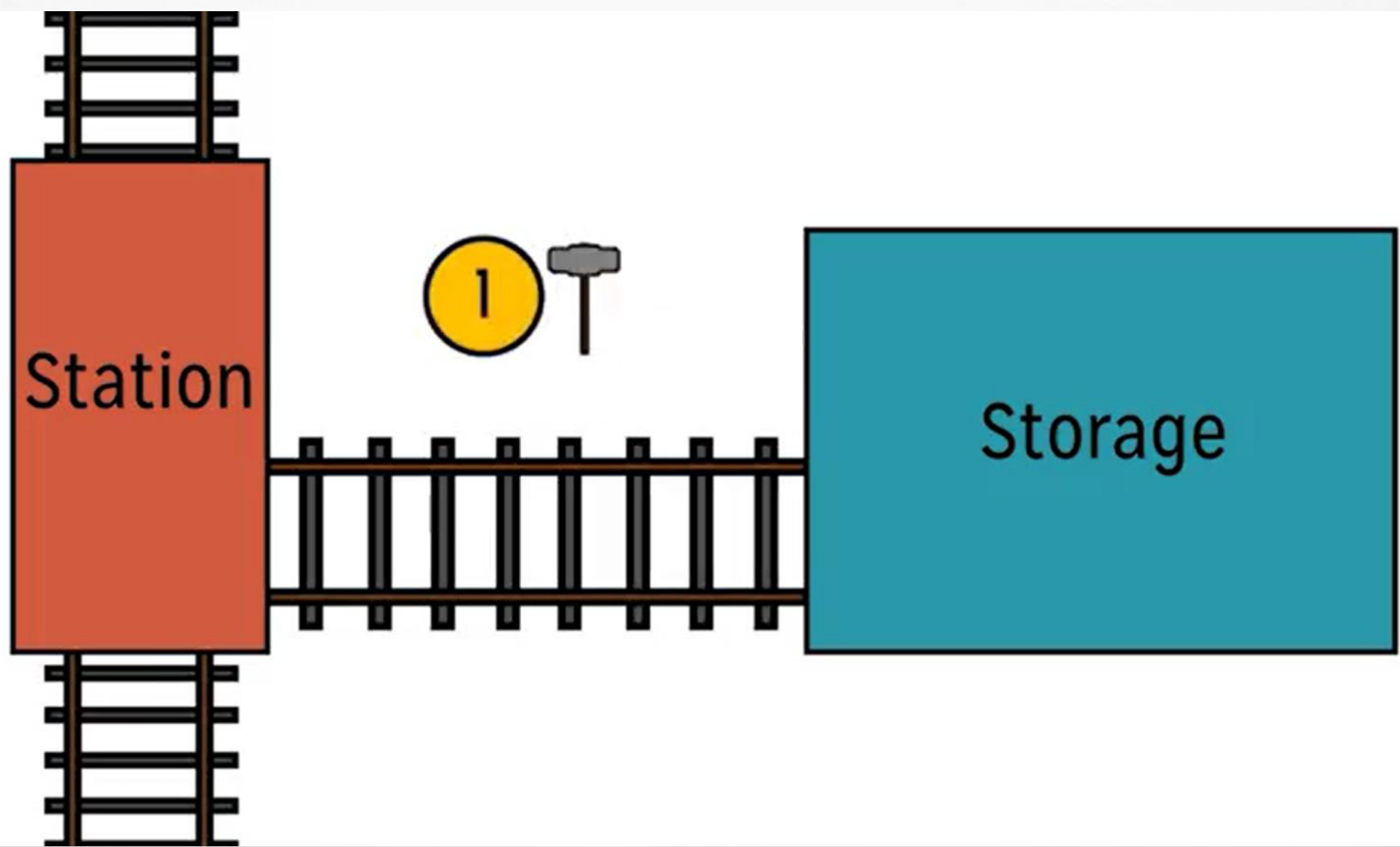






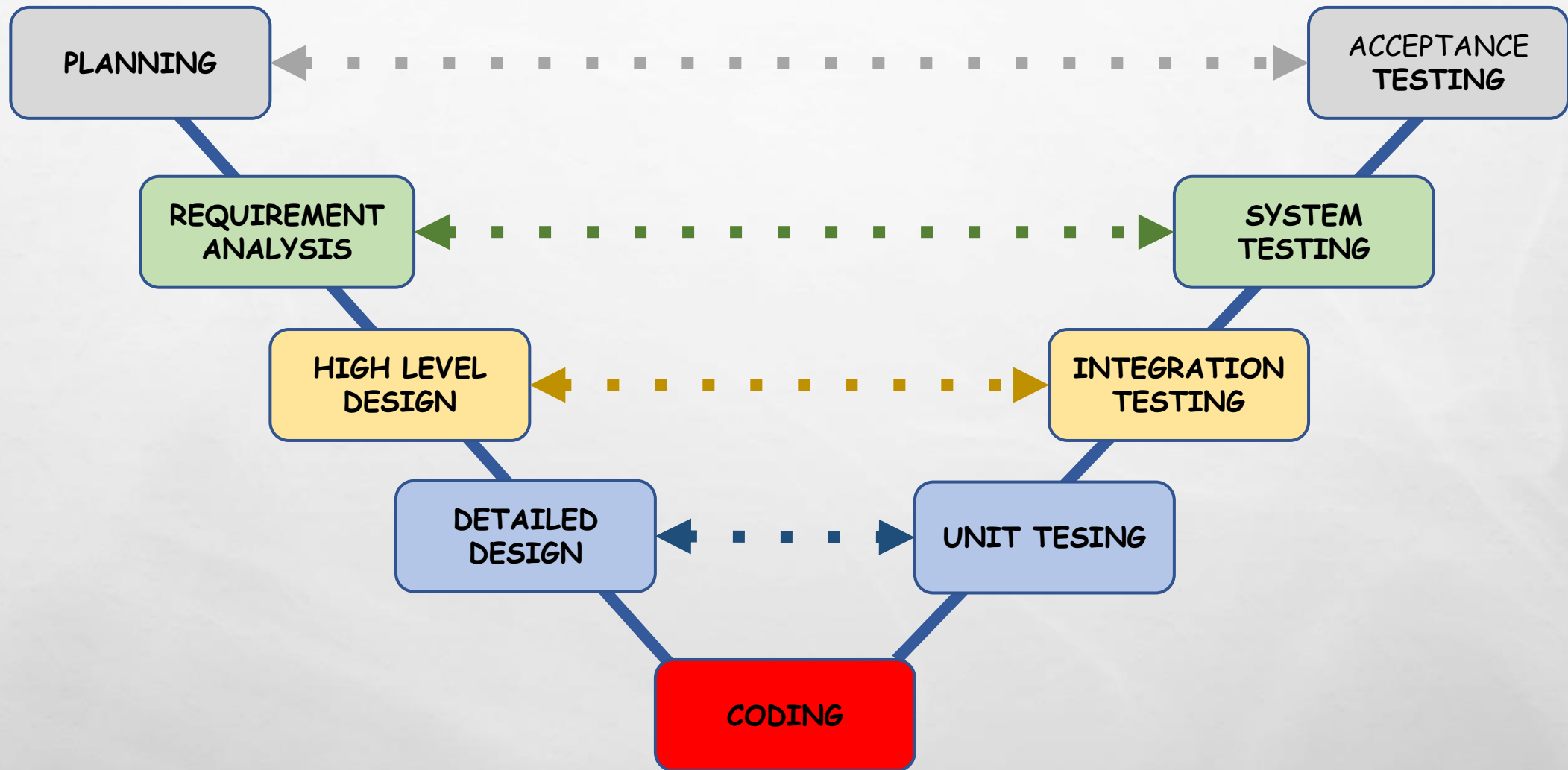






# V Model

- IT IS A VARIANT OF WATERFALL MODEL
- EMPHASIZE ON **VERIFICATION** & **VALIDATION**, WHICH IS SPREAD OVER THE ENTIRE LIFECYCLE
- TESTING ACTIVITIES ARE CARRIED OUT **PARALLELY** AGAINST EACH PHASE OF DEVELOPMENT.



# When to use V Model

- SYSTEMS REQUIRING HIGH RELIABILITY
- ALL REQUIREMENTS ARE FROZEN
- SOLUTION & TECHNOLOGY ARE KNOWN



# Strength of V Model

- EMPHASIZE ON VERIFICATION & VALIDATION OF THE SOFTWARE
- ALL THE DELIVERABLES ARE TESTED.
- EASY TO USE

# Weakness of V Model

- NO ITERATIONS
- DIFFICULT TO ACCOMMODATE LATE CHANGES
- NO RISK MANAGEMENT

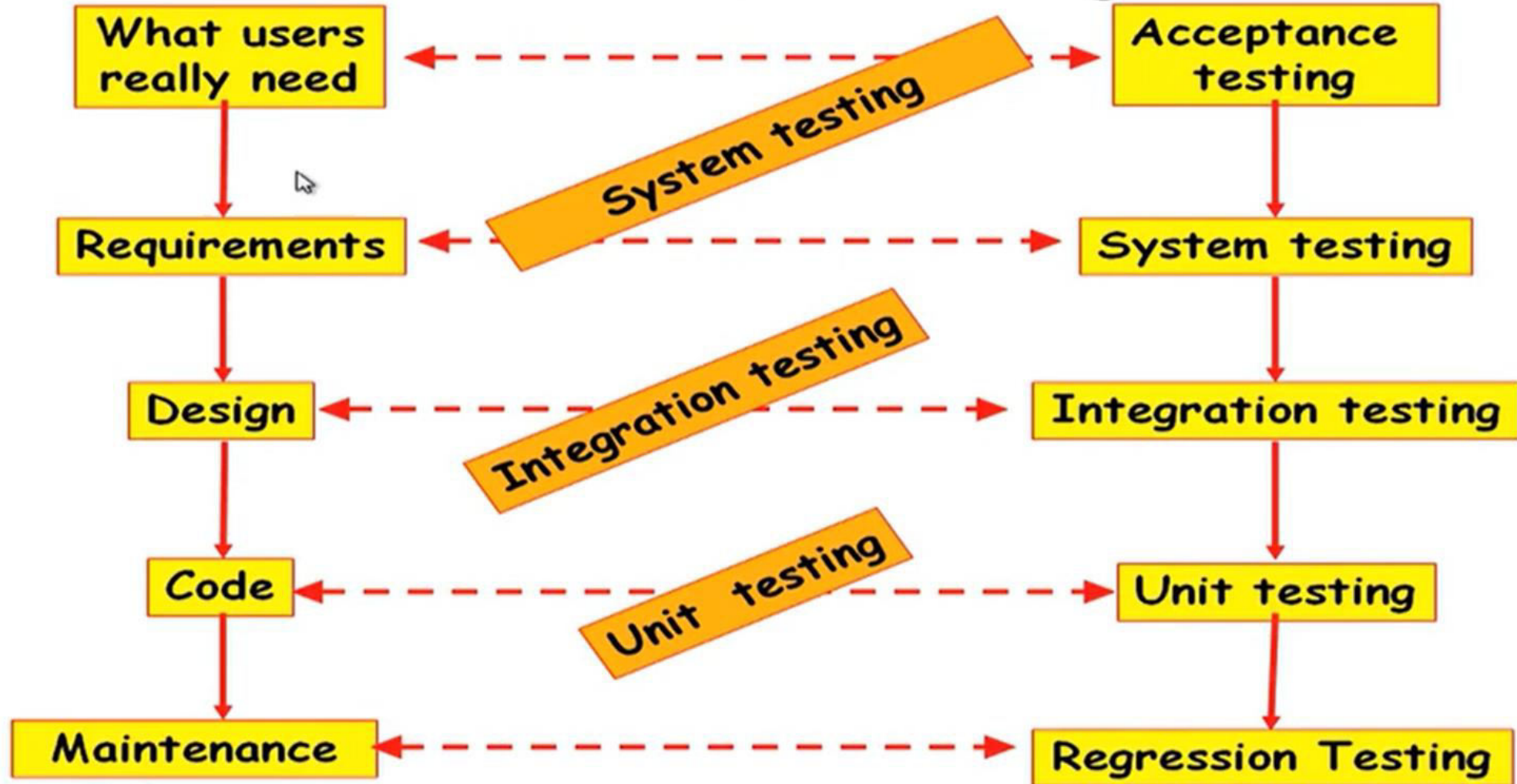
# TEST LEVELS



# TEST LEVELS

- **SOFTWARE TESTED AT 4 LEVELS**
  - **UNIT TESTING**
  - **INTEGRATION TESTING**
  - **SYSTEM TESTING**
  - **REGRESSION TESTING**

# Levels of Testing



# ACTIVITIES AT SYSTEM & INTEGRATION TESTING

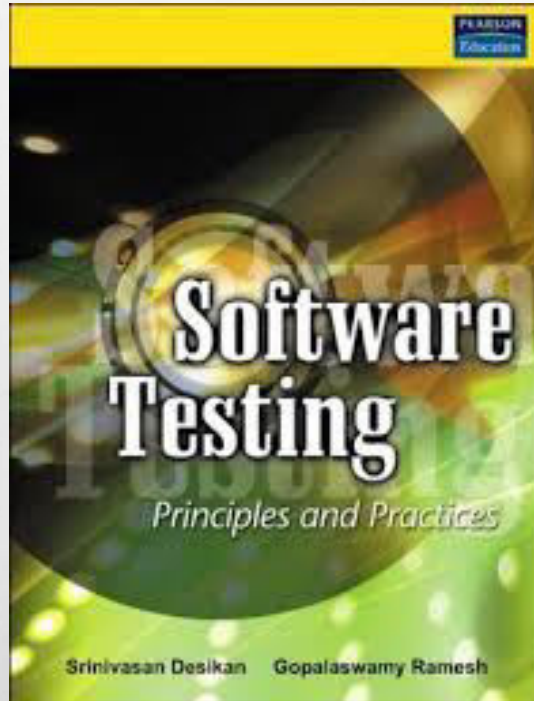
## TESTER

- TEST SUITE DESIGN
- RUN TEST CASES
- CHECK RESULTS TO DEFECT FAILURE
- PREPARE FAILURE LIST

## DEVELOPER

- DEBUG TO LOCATE THE ERROR
- CORRECT ERROR

# REFERENCES



GURU99

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edureka!

Software Testing Help