

TRANSPARENCIES FOR UNIT 3

# TECHNOLOGY

## **DEVELOPMENT**

**ANCIENT: SYSTEMATIC TREATMENT OF AN ART**

**MODERN: EXCLUSION OF FINE ARTS**

**ASSOCIATION WITH LARGE-SCALE  
PRODUCTION**

**ALL OF THE PRACTICAL ARTS**

## **TYPES OF TECHNOLOGY**

- **ANY HUMAN ACTIVITY CONCERNED WITH THE MAKING AND DOING OF USEFUL THINGS**
- **THE MEANS BY WHICH THESE ACTIVITIES ARE ACCOMPLISHED**
- **THE THINGS PRODUCED BY THOSE MEANS**

**TECHNOLOGIES = USEFUL THINGS**

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## **INTANGIBLE TECHNOLOGIES**

- TECHNOLOGY IS NOT MERELY HARDWARE**
- TECHNOLOGY INCLUDES THE WAY THINGS ARE MADE OR DONE**
  - **TECHNIQUES**
  - **METHODS**
  - **APPROACHES**

# **KNOWHOW**

## **KNOWHOW IS A VALUABLE COMMODITY**

### **KNOWHOW TRANSFER**

- THE MOVEMENT OF PEOPLE**
- PERSONAL CONTACT**
  - **OJT**
  - **EDUCATION**

*QERI*

## LET'S GET UNPHYSICAL

### TECHNOLOGIES IN PHYSICAL FORM

- PRODUCTS
- PROCESSES

IF YOU CAN'T TOUCH IT YOU CAN'T USE IT

BUT

### TECHNOLOGIES ARE NOT PHYSICAL THINGS

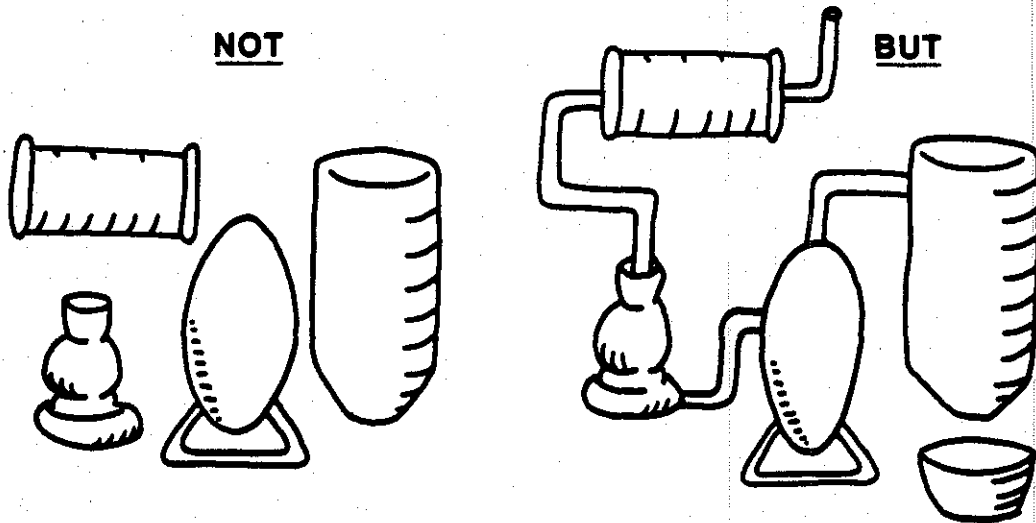
- INVENTIONS ARE NOT OBJECTS
- MOST TECHNOLOGIES NEVER BECOME OBJECTS
- SOME TECHNOLOGIES RESULT IN MANY TYPES OF OBJECTS

TECHNOLOGIES ARE IN PRODUCTS

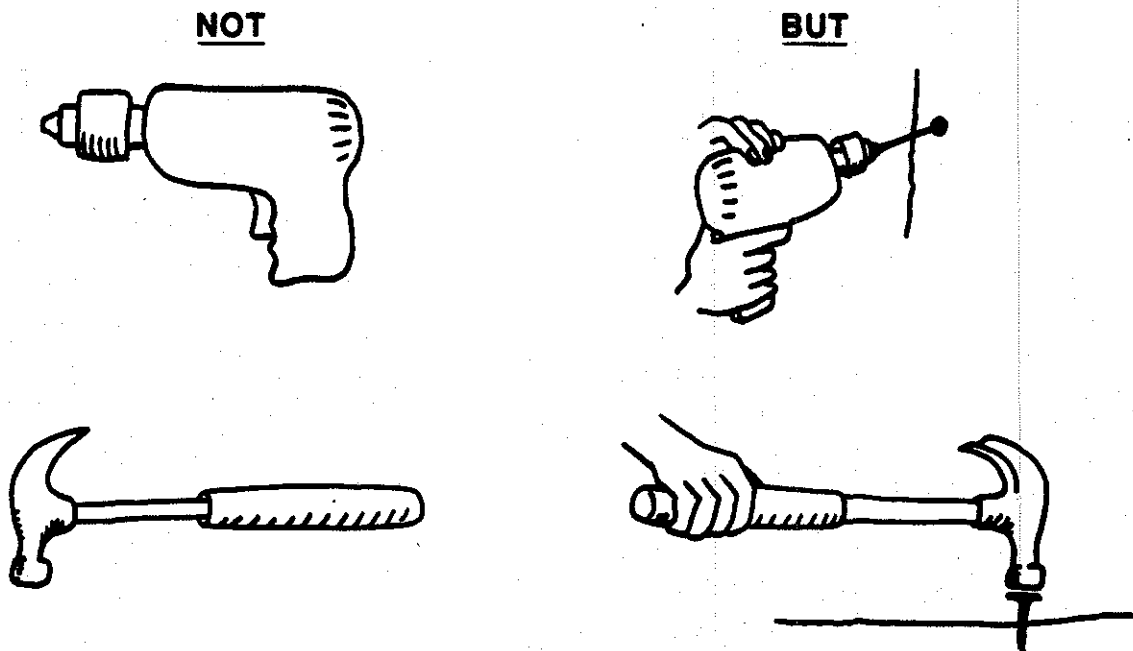
PROCESSES ARE TECHNOLOGIES

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# A TECHNOLOGY IS AS A TECHNOLOGY DOES: PROCESSES



# A TECHNOLOGY IS AS A TECHNOLOGY DOES: PRODUCTS



**FUNCTION: THE ACTION FOR WHICH A THING IS SPECIALLY FITTED**

# **IMPORTANCE OF FUNCTIONAL CONCEPT**

- **LABORATORIES TRANSFER TECHNOLOGIES, NOT OBJECTS**
- **IDENTIFICATION SHOULD CENTER ON FUNCTION**
- **TECHNOLOGIES MAY BE UNIDENTIFIED**

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