

My Technological System

Achievement Objective

Technological Knowledge - Technological Systems - Level 1

Understand that technological systems have inputs, controlled transformations, and outputs.

Learning Intention

I am learning... to identify the inputs and outputs in a technological system.

Activity Instructions

1. Choose a technological outcome that you believe is a technological system
2. Draw or describe it
3. Explain why you think it is a technological system
4. Identify the possible inputs
5. Describe the possible transformation(s)
6. Identify the possible outputs

Teacher Notes

- Do this activity as a class or in small groups first
- Have students justify why they think the outcome they chose is a technological system
- Excellent homework activity

MY CHOSEN TECHNOLOGICAL SYSTEM

Name..... Room.....

My technological system is... (name and picture)

I think it is a technological system because...

INPUT:

What starts the system?

TRANSFORMATION:

What turns the inputs into outputs?

OUTPUT:

What the system creates?
(Wanted and unwanted)

BLACK BOX!!!

The parts of the transformation that you don't know or can't see are in the **BLACK BOX!**