

# What is Technology Education?



## Mission Of Technology Education

- Prepare individuals to comprehend and contribute to a technologically based society.



## What is Technology?

- The study of the human-made world
- Technology is for solving problems to meet our needs and wants



## Technology Education

- Educational program that assists people in developing an understanding in designing, producing, and using technological products and systems



## Why Technology Education?

- Technology affects virtually every aspect of society today
- Great influence on our future
- Exploration your future



## Technology vs. Science

- Science deals with natural world
- Technology deals with the human-made world
- Connected- technology allows us to explore science



## Instructional Approach

- Design Brief (recognizing technological problems)
- Design Portfolio (communicating ideas & solutions)
- Problem Solving (following logical procedures)
- Technology Assessment (analyzing impacts)

## Technology Systems

- Agriculture & Related Biotechnologies
- Construction Technologies
- Energy & Power Technologies
- Information & Communication Technologies
- Manufacturing Technologies
- Medical Technologies
- Transportation Technologies

## Core Technologies

- Mechanical Technology
- Electrical Technology
- Electronics Technology
- Structural Technology
- Fluid Technology
- Optical Technology
- Thermal Technology
- Biotechnology
- Materials Technology