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What is Robot Safety

Understanding Robot Safety: Keeping Kids and Robots Safe Together!

DEFINITION

Robot safety means making sure robots are safe to use around people. It involves rules and practices to prevent accidents.

KEY CONCEPTS

Safety Guidelines

These are rules that help keep everyone safe when using robots.

Personal Space

A safe distance that people should keep from moving robots.

Proper Training

Learning how to operate robots safely before using them.

Emergency Stop

A button that immediately stops the robot to prevent accidents.

Supervision Required

An adult should always watch when kids are working with robots.

EXAMPLES

- Always keep hands away from moving parts.
- Use the emergency stop button if the robot acts unexpectedly.
- Make sure the workspace is clear of obstacles.

MEMORY TIPS

- ★ Remember 'STOP' for Safety, Training, Observation, and Personal space.
- ★ Think of robots as pets: they need supervision and care.
- ★ Use the acronym SAFE: Supervision, Awareness, Follow rules, Emergency stop.

COMMON MISTAKES

- ✗ Ignoring safety guidelines while operating robots.
- ✗ Not using the emergency stop when needed.
- ✗ Getting too close to moving robots.

QUICK RECAP

Robot safety is essential for preventing accidents. Always follow guidelines, keep a safe distance, and ensure adult supervision when using robots.