

A full-page background image of a person with a prosthetic lower leg running outdoors. The person is wearing a blue and white athletic shirt and dark shorts. They are captured in a dynamic running pose against a clear blue sky and a blurred landscape of water and hills.

International Baccalaureate

PROSTHETICS

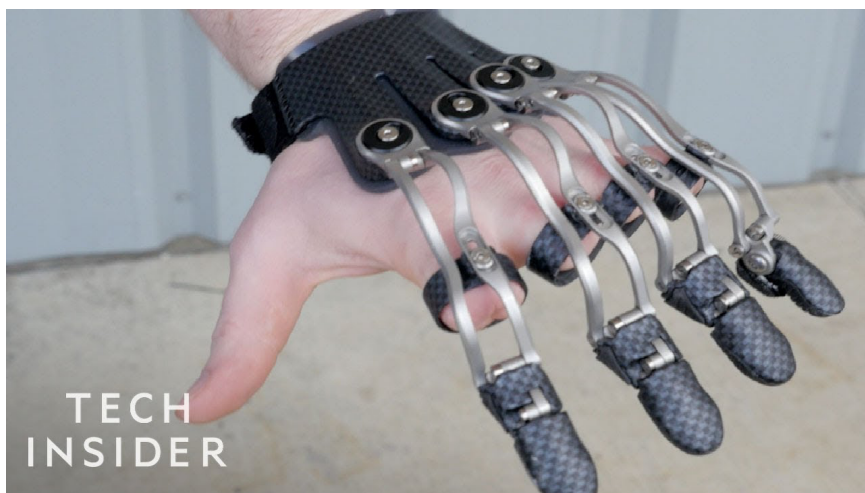
INFORMATION COMMUNICATION
TECHNOLOGY IN A GLOBAL SOCIETY

WHAT ARE PROSTHETICS ?



*A **prosthetic device** is any **device** that helps replace, correct, or support a body part or function of a body part.*

DIFFERENT TYPES OF PROSTHETICS:





DIFFERENT PURPOSES OF PROSTHETICS (ITGS STRANDS):

- *Home and leisure/ Health: To improve mobility, stay fit*
- *Health: Nurses, doctors etc.*
- *Business and employment : Creates employment*
- *Business and employment: To lift heavy weights*
- *Business and employment : Insurance companies*
- *Business and employment : Creates jobs*
- *Artificial intelligence : prosthetic arm with the sensory capabilities of a human arm or robotic ankle that mimics the healthy ankle's response to changing activity.*

