

Module 0: Revision

Past simple, regular and irregular verbs

Present perfect simple and continuous

Future forms

Module 1: Key Aspects of Civilizations in the English-speaking World

Functions: Identify and understand key aspects of different English-speaking countries in the world.
Develop reading and speaking competences.

Contents:

- The United Kingdom: geography, government, culture, monarchy, regional differences
- The Commonwealth of Nations: history, organization, purpose
- The United States of America: geography, government, culture, regional differences
- Australia and New Zealand: geography, government, culture, regional differences
- Canada: geography, government, culture, regional differences

Module 2: English as a Global Language

Functions: Identify specific contents of specialized texts; identify and use specialized vocabulary about Safety Rules; ask and speak about present events; give advice and suggestions; express obligations and prohibitions

- The Anglosphere
- History of English language development
- Pidgin(s)
- World Englishes

Module 3: Educazione Civica

Objectives: understand best practices for safe navigation of the web; learn strategies for protecting data and privacy on the Internet

Contents: Cybersecurity and cyberattacks

Module 4: Competence in Microlanguage: Materials and Their Properties

Functions: Recognize and use technical language of the sector; understand the general meaning of texts related to work; identify specific contents of specialized texts

- Properties of materials (mechanical, chemical, electrical, thermal)
- Mechanical properties of materials (strength, hardness, toughness, elasticity, plasticity, brittleness, ductility, malleability)
- Loads and stresses
- Metals: ferrous and non-ferrous metals; iron, cast iron, steel, carbon steel, alloy steel; aluminum, copper, titanium and alloys
- Non-metals: polymers (natural and synthetic), thermoplastic vs thermosetting polymers; composite materials (fiberglass and carbon fibre)

Module 5: Our World and Its Problems

Functions: Identify and understand global problems and how they are dealt with in the English-speaking world. Develop reading and speaking competences.

- Gun violence, gun regulations, and politics in the USA vs UK
- The death penalty in the USA
- Drug problems and drug policies in the USA

Module 6: Competence in Microlanguage: Metalworking Processes and Technologies

Functions: Recognize and use technical language of the sector; understand the general meaning of texts related to work; identify specific contents in specialized texts

Metalworking processes

- Casting
- Forging
- Bulk deformation processes
- Sheet metal forming
- Turning
- Milling
- Drilling
- Grinding

Joining processes

- Welding
- Soldering
- Brazing