Sustainable Building materials and sustainable design:

Straw bales,

Rammed Earth,

Wood,

Stones and Thatched roofing.

Smart Cities

Public Works

**Roads** in history and modern roads: a comparison

**Bridges** and types of bridges (cenni)

**Schools** and school designs: CLIL: The Bauhaus

**Hospitals**: new hospital design features.

**Opera houses:** CLIL**: Sidney Opera house**

**Museums**: The Guggenheim Museum in New York;

**Gardens and Parks**: Central Park in New York, Park Güell in Barcelona.

Town Planning in its development.

**The evolution of Towns and first settlements in history**

**Evolution of City Shape**

**Elements of Urban Structure** (Public infrastructures, Buildings, Networks, Open Spaces)

**Visionary or Utopian Town Planning** (some solutions to Industrial Town planning problems in England and later in the USA)

**Urban Growth**: Urban land-use patterns

**The importance of street trees:**  advantages and drawbacks

**Consequences** of Urban Growth.

**Town Planning documents**: Master plan and Zoning Ordinances.

Architecture History:

**Georgian Architecture** in England And Dublin (features of Georgian Townhouses)

**Gothic Revival** and **Neoclassicism**: Structural elements and their functions.

Modern architecture:

**Art Nouveau:** Arts and Crafts movements throughout Europe.

**Antoni Gaudi**: The Temple De La Sagrada Familia, Casa Milá, Casa Batlló, Casa Calvet, Park Güell.

**Walter Gropius**: The Bauhaus; **The International Style** in the USA

**Le Corbusier**: The “Modulor Design”; Villa Savoye: main building elements, Unité d’Habitation in Marseille.

**Le Corbusier as Town Planner**: Chandigarh.

**Frank Lloyd Wright**: Robbie House, Falling Water, The Guggenheim Museum in New York.

**Renzo Piano & Richard Rogers**: Pompidou Centre in Paris.

**Renzo Piano**: The Shard

**Richard Rogers & Partners**: The Lloyd’s Building; the Gherkin London, St. Mary Axe Street

**Zaha Adid**: the Maxxi; The London Olympic Aquatic Centre;

# British Culture and Literature.

**The world of Fiction**: differences between Novel, Romance, Novelette, Short Stories.

**The Victorian Age:** “The Empire and its contradictions”: Industrial Revolution and The Acts to fix some huge problems; Dickens and the poor classes;

**The problems** linked with Industrial Towns and new experiments in town planning.”

**Oscar Wilde**: “The Picture of Dorian Gray” and a comparison with Gabriele D’Annunzio (cenni)

**Hemingway and The War**: his experience in WWI and Spanish Civil War. Setting, Themes, Style, Narrative Techniques, Symbols in *A Farewell to Arms*.

**The Modern Novel**: a comparison with Aristocratic Novel; a new idea of time and space. (cenni)

**James Joyce and his relationship with Italo Svevo.** (cenni)

**The Irish Question**: (Not only a religious divide). (cenni)

# Educazione civica:

**Smart Cities**

**British government** and political parties

**Ecological science**, Habitat, Ecosystems, The human impact, Forms of Pollution

**Current Commitments**

Mondovi, Li: 31/05/2024

L’insegnante: I rappresentanti

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