**ISTITUTO ISTRUZIONE SUPERIORE "L. EINAUDI" – ALBA**

**ANNO SCOLASTICO 2023/2024**

**Classe 5D DISCIPLINA: INGLESE INSEGNANTE: Sitia Francesca**

**PROGRAMMA SVOLTO**

**Module 1: Building materials**

Stone

Granite

Travertine

Timber

Brick

Cement

Steel and aluminum

Plastics

Sustainable materials

Reclaimed building materials

**Module 2: Surveying and Design**

Surveying

New surveying instruments

Sketch stage and working drawings

CAD

Rendering

**Module 3: Building and safety**

British and American houses

A brief history of skyscrapers

The Empire State Building

Foundations

Walls

Floors

Stairs

Roof

Thatching

Windows

Health and safety

What to wear on the building site

**Module 4: Building Public Works**

Roads

Bridges

The Golden Gate Bridge

Tunnels

**Module 5: Building culture**

**The Modern Movement**

Le Corbusier

Frank Lloyd Wright

Gaudi’s masterpieces

Richard Rogers

Frank Gehry

 Civic education: the Eu, Brexit, UN and Agenda 2030

31/05/2024 L’insegnante

Francesca Sitia