

Anno Scolastico 2015-2016
Classe 4 BTC
Materia Inglese
Prof. Giuliana Sguotti

PROGRAMMA SVOLTO PRIMO QUADRIMESTRE

Working in construction	Surveyor: Traineeship and apprenticeship Writing a curriculum vitae Writing a covering letter Job interviews
Building materials	stone Mortar, cement and concrete timber bricks, CMU glass steel and metals plastics and synthetics nano and smart materials
Building elements	foundations Walls, roofs floors, stairs Windows and doors

PROGRAMMA SVOLTO SECONDO QUADRIMESTRE

Building systems	Electric system Heating system Ventilation system plumbing and drainage systems Solar and photovoltaic systems (sustainable houses) Passive houses domotics
Planning and measuring	Location and site drawings Architectural drawings Bill of quantity Mapping tools CAD Rendering BIM
contemporary urban planning	What is urban planning Master plan and zoning Sustainable cities Smart cities Case study: Kronsberg Case study: Masdar City
Urban planning	Greek and Roman town planning Ancient Rome, Pompeii Medieval towns (Carcassonne) Tudor time houses

Renaissance town planning (Pienza)
star forts (Palmanova)
Baroque town planning
Industrial towns, Villaggio Crespi,
19th century urban planning (Hausman, Howard)
20th century urban development
Contemporary trends (sprawling, conurbation)

data

10 GIUGNO 2016

Firma della docente