LICEO GINNASIO STATALE
"L. GALVANI"
BOLOGNA

RELAZIONI FINALI GEOGRAPHY
LETTORE ESPERTO MARK WILSON

classe 1^ R a.s. 2016/17

GEOGRAPHY/Book: David Kelly and Muriel Fretwell (eds.), Complete Geography for Cambridge IGCSE. OUP 2012.

Unit 12. Geographical skills: Ordinance survey map skills, Contours and relief, Map scale and distances, Four/six figure grid references, compass bearing, true bearing, Calculating a gradient, Cross sections, Drawing sketch maps, Using maps and photos, Different map types. Data tables diagrams and graphs.

Unit 7. Weather: Weather and climate, weather elements and how to measure them, weather instruments, Stevenson screen, graphs and diagrams to display weather data. Cloud type and extent (measure). Weather hazards, tropical storms (causes and effects) with case studies. Reliability of rainfall, drought (causes and effects) with case studies.

Unit 8. Ecosystems - climates and vegetation: World's main climates - Equatorial climate, influence of latitude on temperature, influence of clouds on temperature, different types of rainfall (convectional, relief and frontal rainfall), causes and effects of global warming, greenhouse effect, causes and effects of acid rain. Tropical desert climate, global distribution of deserts, the influence of altitude, distance from the sea, and cold ocean currents on temperature, the influence ofpressure, prevailing winds, relief, and cold ocean currents on precipitation. Ecosystems. Causes and effects of deforestation, sustainable development of the rainforest, causes and effects of soil erosion (prevention and reduction), causes and effects of desertification (with case studies).

Unit 3. Plate tectonics: Earth structure, convective cells in the mantle, plate boundaries and dynamics, constructive, destructive, conservative margins, fold mountains. Volcanoes, features and products. Eruptions (case studies), living in danger zone. Seismic activity, causes. Assessing earthquakes. Tsunamis. Effects (case studies).

include unit 1 population dynamics: birth rate, death rate, over/under population, demographic transition model, changing population structures, population policy (case studies), population density/distribution (case studies), migration (case studies)