**ISTITUTO PROFESSIONALE STATALE INDUSTRIA E ARTIGIANATO- SIDERNO**

**PROGRAMMA SVOLTO DI LINGUA INGLESE**

**CLASSE: 4^IPID**

**ANNO SCOLASTICO 2018-2019**

MODULE 1: CHEMISTRY OF MATERIALS: PROPERTIES OF MATERALS

1. Physical and chemical properties
2. Mechanical properties
3. Chemical properties
4. Thermodynamic properties
5. Thermochemistry

MODULE 2: USING MATERIALS

1. Advantges and Disadvantages of Various building materials
2. Green Houses
3. Materials in Engineering
4. New Frontiers of Materials
5. Grammar: Imperative. Present Simple vs present continuous for the future. Going to. Will.

MODULE 3: (BIOLOGY) THE CELL

1. Origins of cells
2. Cells: structure and processes

MODULE 4: (BIOLOGY) HUMAN ANATOMY

1. Life Processes
2. Human Body Systems
3. The Circulatory System
4. The Human Brain
5. The Digestive System
6. Mitosis and Cancer

MODULE 5: BIOTECHNOLOGY AND GENETIC ENGINEERING

1. Genetic Engineering
2. Biotechnology

MODULE 6: GENETIC ENGINEERING AND ETHICAL CONCERNS

1. Types of Cloning
2. Stem Cells

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