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

ANNO SCOLASTICO 2022/2023

DOCENTE: Amato Federica

LINGUA STRANIERA: INGLESE

Classe: 5 I

Libro di testo: Working with new technology

**Unit 10**

* **Radiation and Telecommunications**

Electomagnetic waves,

Types of electromagnetic radiation,

Radio waves,

Pioneers in telecommunications,

What happens to radio signals,

The development of radio transmission,

Microwave oven,

Medical imaging,

Transmitting telecommunications signals,

Telephone networks,

Cables,

Cellular telephones.

**Unit 11**

* **Computer hardware**

Types of computer,

The computer system,

Input and output devices,

Computer storage,

Computer ports and connections,

Upgrading hardware,

The Apple MacBook Pro,

Choosing a computer,

How computer evolved,

Solving printer problems.

**Unit 12**

* **Computer software and programming**

System software,

An introduction to programming,

Computer languages,

Programming languages most in demand,

The language of programming,

How the Windows OS work,

Encryption,

Alan Turing’s intelligent machines,

Cloud computing,

Install and unistall a program.

**CLIL:** Arduino

**Civic Education**: World Wide Web