



COMPLESSO SCOLASTICO INTERNAZIONALE
GIOVANNI PAOLO II
Programma Annuale

PROGRAMMAZIONE DIDATTICA

INDIRIZZO: Istituto Tecnico Informatico e delle Telecomunicazioni

CLASSE: 5[^] A

MATERIA: Lingua Inglese

DOCENTE: Prof.ssa Romina Capriati

Modulo n° 1	Contenuti cognitivi
<p><u>INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS</u></p> <p>APPLICATIONS</p>	<p>UNIT 13: <i>Where Computers are used</i></p> <ul style="list-style-type: none">• Types of application• The spreadsheet• Charts and graphs• The database• Database management system• Computer graphics• Computer-aided design (CAD)• Entertainment <p>Safety: Technology and health Culture: Computers and crypto-currency</p>

Modulo n° 2	Contenuti cognitivi
<p>COMPUTER NETWORKS AND THE INTERNET</p>	<p>UNIT 14: <i>Linking Computers</i></p> <ul style="list-style-type: none">• How the Internet began• Internet services• How the internet works• Web addresses• Local area networks• Connecting to the Internet• Setting up a Starlink dish antenna <p>Safety: Online dangers Citizenship: Social and ethical problems of IT</p>

Modulo n° 3	Contenuti Cognitivi
<p>THE WEB</p>	<p>UNIT 15: <i>Web apps</i></p> <ul style="list-style-type: none"> • The language of the web • Evolution of the web • Creating a website • Search engine optimization (SEO) • E-commerce and cashless society • Streaming services • Human-computer interaction • Web 4.0 <p>Culture: The tip of the iceberg Safety: Use the Internet safely</p>

Modulo n° 4	Contenuti Cognitivi
<p>INDUSTRY 4.0 AND THE FUTURE</p>	<p>UNIT 16: <i>The fourth Industrial Revolution</i></p> <ul style="list-style-type: none"> • Foundations of Industry 4.0 • 3D printing • Drone delivery • Lasers • How lasers are used • Advances in neurotechnology • Li-Fi • A milestone for artificial intelligence • Will technology make humans redundant? • Does augmented reality do it better? <p>Case studies: Using technology in education Safety: Big Data is watching you</p>

Modulo n° 5	Contenuti Cognitivi
<p>FROM SCHOOL TO WORK</p>	<p>UNIT 17: <i>Employment in new technology</i></p> <ul style="list-style-type: none"> • Technology jobs • Work experience • Career profiles • How a business is organized • Job advertisements • CV • Cover letter or e-mail • The interview • An example of career path <p>Safety: IT and the law</p>