Science fiction stories: Sentry, The fun they had; The smile; The Hobbyist; A lot to learn; Zoo; The Store of the Worlds; The Sentinel; The last Unicorns: lettura e commento.

Linkers: general revision

Letter of enquiry; letter of reply to an enquiry

Letter of application for a job, European CV and English CV.

Coping with job interviews: a CV Centre Guide (photocopy); Best Job interviewing tips for job-seekers

Reading p 177: Linkedin

**Computer English: (da fotocopie e alcune letture dal testo English Tools for IT)**

Overview on memory: ROM and RAM chips. Virtual memory.

Storage: magnetic disks. USB pendrives, SSDs. NFCs.

Optical storage: CDs, DVDs. Blu-ray discs.

Cloud storage

Reading: Google p. 129

Operating systems: main features and utilities. Different kinds of OSes.

History of DOS, UNIX.

History of LINUX : how Linux was born.

The Internet: what is the Internet, history of the Internet. The World Wide Web.

Gli studenti hanno approfondito individualmente uno dei seguenti: IOT, streaming, GPS, Bitcoins, e-wallet, browsers, crowdfunding, cloud computing, Wikipedia, Dark Web, advertising, Web 2.0 and Web 3.0, social networks, search engines, e-commerce, Internet 2, feeds, cookies, P2P, YouTube, encryption.

Generations of programming languages : high level languages and low level languages, compilers and interpreters, the most used programming languages of the third generation (Pascal, C, etc.). 4GLs and natural languages.

Expert systems.

The program development life cycle: analysing, designing, coding, testing, formalising a solution and maintaining a program. Spaghetti code and structured programming.

Object oriented program development.

Java.

Application software, intellectual property rights and software piracy.

The database approach. Databases management systems and querying a database.

Relational, object-oriented and multidimensional databases. Web databases. Normalization.

Malware and networking threats. Internet security software. Encryption.