

Pistes thématiques

anglais

BTS SIO

La liste ci-dessous et l'ordre dans lequel les thèmes sont donnés ne sont ni limitatifs ni prescriptifs, et ne correspondent pas à des séquences d'apprentissage spécifiques. Les thématiques peuvent tout à fait être croisées.

1. introduction to hardware and software characteristics (specifications, parts, comparing different products, qualifying the advantages and disadvantages of a product)
2. buying a computer (different products, comparing products, what you need to consider when choosing a computer or software, defining your needs, choosing the product that meets your needs, comparing/presenting hardware characteristics...)
3. current/latest IT trends
 - i. recent or new devices: Iphone and mobile phones, Ipad, tablets, e-books...
 - ii. software, virtualization: the Cloud, datacenters, data management and databases, Web2.0 in the workplace
 - iii. current debates: open source vs. proprietary software, sustainable development and recycling, green issues, cost-saving technology, social networks and privacy/security issues, etc.
4. safety and security issues: malware, viruses, giving and following warnings, spamming, phishing, reporting safety hazards, investigating an incident, hacking, technology protection measures, internet safety policy, biometrics and RFID (Radio Frequency Identification)
5. troubleshooting: ICT support, incident record, dealing with a customer and taking him through a problem and solutions, saving and restoring data
6. the workplace and the job market: different IT jobs, different types of companies, talking about one's company (goals, products, policy,...), talking about one's skills and work experience, starting your career, entertaining visitors and socializing (with a stress on cultural issues, the intercultural competence), appointments and meetings, looking for a job (inc. social networks), placing an order, teleworking, ...
7. IT and globalization: competition, company strategy, outsourcing, offshoring, relocating (Silicon Valley, Bangalore...)
8. legal issues: ethics and copyright in the workplace, illegal downloading, data privacy, protection of personal data
9. assistive technology for people with disabilities