Maturitní témata pro obor IT

1. Personality (personal characteristics, friends, friendship, family members, appearance, clothes, footwear and accessories), conflicts and problems, feelings and emotions, well-being.
2. Digital mind, technologies, science and scientists, gadgets, everyday use of computers, inventions and innovations.
3. Sports and games, sports competitions, people in sport.
4. The arts and media, culture, entertainment (types of TV shows, music, literature, films, plays), creative jobs.
5. Travelling and holiday activities (travel essentials, means of transport, air travel, travel problems, urban transport).
6. Food and drinks (diet and nutrition, restaurants, food consumption, typical food – English speaking countries, the Czech Republic).
7. Health, injuries, accidents and emergencies (grow food, eat well, be healthy, well-being and healthy life style, natural remedies, parts of the body).
8. Living and housing (rooms and furniture and decorations, interior and exterior of a house, teenagers’ room, household chores).
9. Education + schools (system) in the United Kingdom and the Czech Republic (subjects, stages of educational system, classrooms, technologies, school uniforms).
10. Shopping and fashion (shops and services, shopping places, advantages and disadvantages of shopping malls, buying presents, customer service, complaints).
11. Work and jobs (career prospects, workplaces, future jobs, part-time jobs, job application, CV, cover/motivation letter, personal statement, job interview, own strengths and weaknesses, volunteering).
12. Society – politics, crime (types of crime, law and justice, law and punishment). Good citizen – human qualities, elections/voting, consumers’ world, money – spending, habits).
13. Nature – geography and geographical features, natural disasters and dealing with them, environmental responsibility, urban and rural life, sustainable homes.

Weather, seasons.

1. Holidays and festivals, celebrations (English speaking countries, CR) – customs and traditions, history, habits – Christmas, New Year’s Eve, Thanksgiving, Halloween, Easter, St. Valentine, St. Patrick, 4th July, Independence Day and others.
2. Types of computers. The computer system – Parts of a computer – Hardware (Internal components, External devices – peripherals, storage devices).
3. Types of computers. The computer system – Parts of a computer – Software (OS, GUI, Utilities, Application software).
4. Application programmes: word processing, spreadsheets and databases.

Graphics and multimedia.

1. Networks (network protocol, network typologies, networking devices).

The world wide web, web design. Internet.

1. Programming – programming and markup languages.
2. E-mail, e-services, cloud computing, data security. New trends (intelligent systems, AI, quantum computing).