**Introductory part**

Modern English is widely considered to be the langua-franca of the world and the language which is used in the computer coding, international business and higher

**ESP**: English for specific purposes is a subset of English as a second or foreign language. it refers to teaching the English language to university students with reference to the particular vocabulary and skills the need

**EST:** (English for science and technology) it refers to English used in scientific publications, technical reports....etc

**The difference between ESP and general English:** GeneralEnglish offers learners the opportunity to become fluent in the language ESP provides content altered according to the needs of the learner

**Science and Technology**

Science refers to the process of exploring new knowledge through observation and experiments. Technology refers to the process of applying scientific knowledge in practical application i.e.; technology refers to the methods, system and devices which are the result of scientific knowledge

**The difference between scientific and technical texts**

A scientific text tells you about nature (the natural world) like: lightning sticks

A technical text helps you to make or do something like: user manuals and instructions

Scientific and technical vocabulary: a vocabulary of scientific and technical words, terms, formula and symbols that are almost universally understood by scientists

**Quiz: science and technology:**

-where should you go to find an asteroid? Space

-where you can find an engine? A car

-what you can find in the galaxy? Stars

-what is geology? The study of earth

**Mathematics:** is the science that deals with the logic of shape, quantity and arrangement

Mathematics is all around us, in every thing we do; it is the building block of everything in our daily life. Including mobile devices, computers, software, architecture, art, engineering and even sports

**Mathematical English:** specific form of the English language used for making formal mathematical statements: definition, theorems, proofs and examples

**Mathematics is the language science:** mathematics, science, technology

-use math to develop new science

-use science to develop new technology

-use technology to develop better math

**The main types of mathematics:**

Applied mathematics: focus on solving problems arising in fields such as engineering, economics, physics, finance and biology

Pure mathematics: on the other hand focus on solving the problems encountred by other mathematicians