

IMPORTANCE OF ENGLISH LANGUAGE

SCIENTIFIC ENGLISH

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Objectifs



- *UNDERSTAND THE IMPORTANCE OF LEARNING ENGLISH LANGUAGE*
- *UNDERSTAND THE IMPORTANCE OF LEARNING SCIENTIFIC ENGLISH AND ITS ROLE AND BENEFITS IN THE STUDENT'S' DOMAIN AS SCIENTIFIC*

WHY LEARNING ENGLISH LANGUAGE IS IMPORTANT



Whether it is for professional or personal reasons, understanding the importance of *English* will help you reach your goals. you should keep learning and practicing your *English* language skills.



Fondamental

Of all the languages in the world today, English deserves to be regarded as a world language. It is the world's most widely spoken language.

1. ENGLISH IS THE LANGUAGE OF INTERNATIONAL COMMUNICATION



ENGLISH : THE INTERNATIONAL LANGUAGE

English is the official language in a large number of countries.

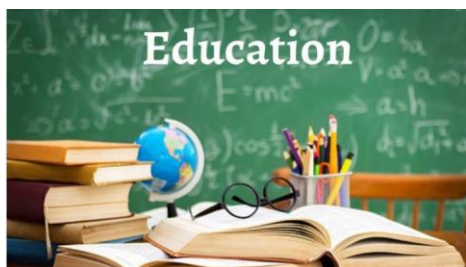
It is the official language in 53 countries and is spoken as a first language by around 400 million people worldwide. But that's not all, it is known that 2 billion people use *English* to communicate to each other

Therefore, it is highly likely that if you meet someone from another country, you will both be able to speak *English*. It gives you an open door to the world and helps you communicate with global citizens.

The importance of the English language is stressed by David Crystal in this way: «We may, in due course, all need to be in control of two standard *English*—the one which gives us our national and local

identity, and the other which puts us in touch with the rest of the human race. In effect, we may all need to become bilingual in our own language»

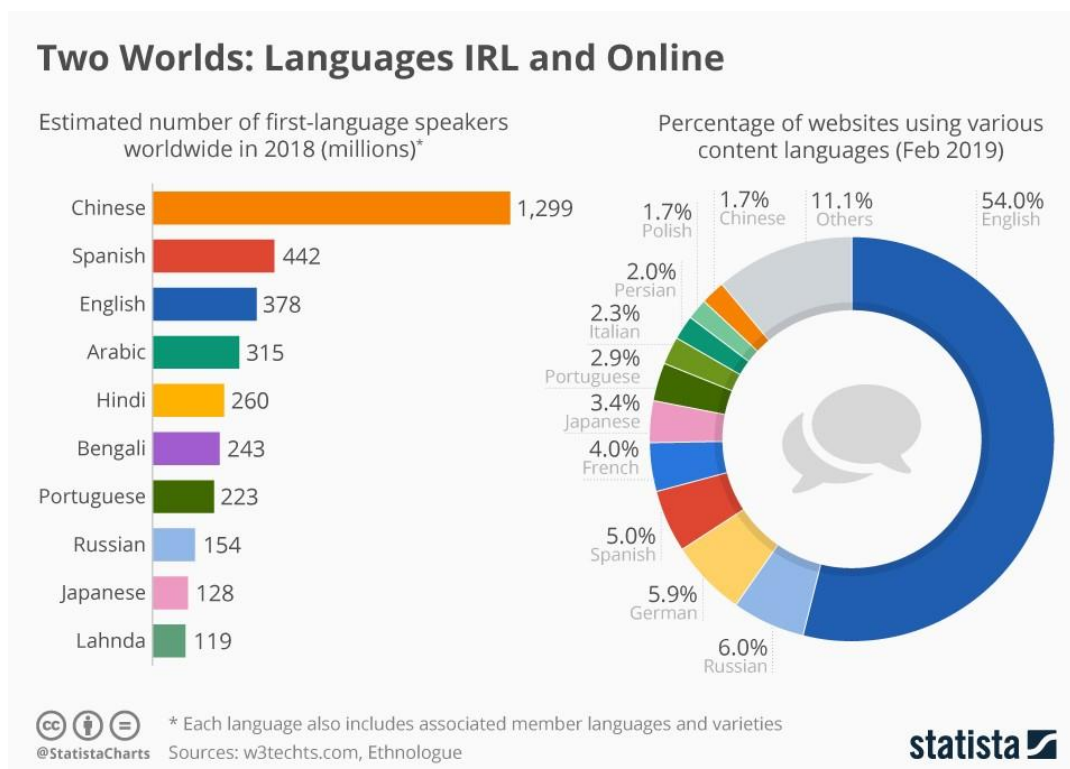
2. EDUCATION



EDUCATION

English is the most popular foreign language in schools. There are large number of books that are written in English Language .

3. ENGLISH GIVES ACCESS TO MORE ENTERTAINMENT AND MORE ACCESS TO THE INTERNET



English : The language of Internet

Nowadays, many films, TV shows, books and music are published and produced in *English*. By understanding *English*, you won't need to rely on translations and subtitles anymore. By accessing these media, you will also

continuously improve your *English* listening and reading skills.

English is currently the language of the internet. About 55% of the world's most visited websites are displayed in *English*. Therefore, learning this language gives access to over half the content of the internet, which might not be available otherwise.

4. ENGLISH MAKES IT EASIER TO TRAVEL

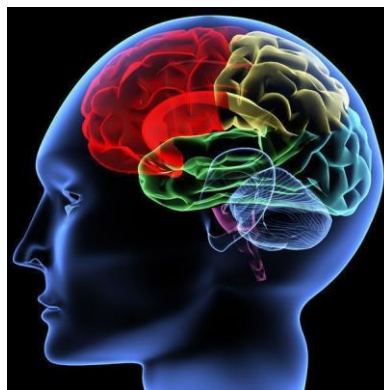


English: make travel easier

Since *English* is spoken as a first language in 53 countries and as a second language in over 118 countries, learning *the language makes it much easier to travel anywhere.*

Having a good grasp of spoken *English* allows you to communicate better with people anywhere you go. Learning *English* in such a situation enables you to help yourself and get what you want no matter what part of the world you are in.

5. ENGLISH CAN MAKE YOU 'SMARTER'



English : makes you Smarter

Learning a *foreign language* ^{p.14} enhances your cognitive and analytical abilities. Learning a new language can be difficult and it involves a lot of mental exercises.

Research from a 2012 Swiss Study shows that learning a new language changes the brain structures, impacting the parts of the brain responsible for memory, and it can make you more creative. In the long term, bilingualism can keep the brain strong and healthy into old age.

6. UNDERSTAND OTHER LANGUAGES



UNDERSTAND OTHER LANGUAGES

English has a long and fascinating history that spans wars, invasions and influences from around the globe. Cultures that have helped shape modern English include Romans, Vikings and the French. For this reason it's a hybrid language comprised of Latin, Germanic and Romance elements.

WHY LEARNING SCIENTIFIC ENGLISH IS IMPORTANT TO YOU AS FUTURE SCIENTISTS AND RESEARCHERS



English : Language of SCIENCE

Recent years have seen a growing output of publications expressing concern over the dominance of *English in scientific publication and academic exchange*.

The number of published research papers is closely correlated with public expenditure on research and development. Funds alone do not account for the strong performance of the United States in research. The post-World War II period supported the creation and spectacular growth of a research and development infrastructure. Universities were notable beneficiaries of this investment.


There is another factor beyond investment in research that has a significant effect on publications in non-English-speaking nations: *English language competence*. *Man et al's (2004)* study examined the top five medical journals and the geographic location of the authors of the published articles over a five-year period (1996-2001). While total research funding as a percentage of *GDP* ^{p.15} (Gross Domestic Product) was significantly correlated with publication rate, the effect of *English* was even larger. National *TOEFL* ^{p.14} ^{p.15} (Test of English as a Foreign Language) scores were correlated with publication rate even more significantly. Even among the privileged nations of the *OECD* ^{p.15} (Organisation for Economic Cooperation and Development) , publication rates were



WHY LEARNING SCIENTIFIC ENGLISH IS IMPORTANT TO YOU AS FUTURE SCIENTISTS AND RESEARCHERS

more greatly correlated with *English competence* than research spending .

The use of *English* as an *international language of science* is by now well documented and very important .

 **Fondamental**

In order to publish a research paper in top journals you should have in depth knowledge of *English* in addition to research content. *English* has been the language of choice for many international scholarly journals.

Exercise



[solution n°1 p.13]

WHY ENGLISH LANGUAGE IS IMPORTANT FOR YOU?



Conclusion



English is recognized as undoubtedly the *most important language* to learn for the increasingly mobile international community, and *English* has become the *official language* of the *business and scientific world*. *English* as the global academic *language* facilitates the international mobility of young researchers.

Solutions des exercices



> **Solution n°1**

Exercice p. 11

WHY ENGLISH LANGUAGE IS IMPORTANT FOR YOU?

Everyone has his opinion



Glossaire



Foreign Language

Foreign Language is a language originally from another country than the speaker. It is also a language not spoken in the native country of the person referred to.

TOEFL

Test of English as a Foreign Language is a standardized test to measure the English language. It is a test of an individual's ability to use and understand English in an academic setting. The test is designed and administered by Educational Testing Service.

Abréviations



GDP : Gross Domestic Product

OECD : Organisation for Economic Cooperation and Development

TOEFL : Test of English as a Foreign Language



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