



Inclusive Digital Methodologies

The digital transformation consists on integrating the digital technologies in the companies and their impact in the society. For that reason digital education is being supported, training is being offered to workers and public services are being digitilised, as digital transformation is one of the priorities of the European Union.



In this sense, the government of the Valencian Community has reached an agreement with the Microsoft company, so that the students and teachers have Office 365 licences.

This academic year, 2021/22, the teachers of the IES Lloixa school are being trained as our school is a Collaborative Digital Centre and innovative methodologies will be applied next academic year using the digital tools that these licences offer.



Esta foto de Autor desconocido está bajo licencia [CC BY-SA-NC](#)



Esta foto de Autor desconocido está bajo licencia [CC BY-NC-ND](#)

Office 365 as inclusive digital tool. Functions of Word and OneNote



Immersive Reader



Dictate and
Transcribe

$$e^{i\pi} + 1 = 0$$

Equations Editor





Immersive Reader

Miguel is standing in line at the airport. It is his turn and he walks to the counter. The person at the counter asks him for his ID and checks his flight details. Yes, he is confirmed on flight 103 from Los Angeles to Hawaii at noon. He does

airport

AA

Preferencias de texto

Tamaño del texto

AA 42 AA

Aumentar espaciado

Fuente

Calibri

Sitka

Comic Sans

Temas

✓ Aa Aa

Aa Aa Aa



Immersive Reader

Its main function is to improve the reading comprehension of all the people.

Among its characteristics we have to highlight the following:

- 1.- Increase or decrease the size of the letters, as well as the spacing. It can also change the colour of the letters and the background.
- 2.- The words can be separated in syllables.
- 3.- A reader can be activated to read the text that highlights the word that is being heard.
- 4.- It contains a dictionary of images.

It is a very useful tool for people with visual diversity.



Dictate and Transcribe

The combination of dictation with the transcription allows, in real time, transfer a recorded or live audition to text.

Furthermore, it also has the option to translate, in real time, to a great variety of languages (and there will be more).

It is a very practical tool for everyone, because it is very convenient to store information in real time, as well as the possibilities that offers to improve in learning languages.

Moreover, it is especially useful for people with physical or motor functional diversity.

$$e^{i\pi} + 1 = 0$$

Equations Editor

The screenshot displays the Windows Equations Editor interface. On the left, a large white canvas shows the equation $3x + 7(x - 2) = 1$ written in a stylized, hand-drawn font. Each character and symbol is enclosed in a dashed rectangular box with small square handles at the corners, indicating that the equation is being edited. On the right, a vertical sidebar titled "Matemáticas" contains the following elements:

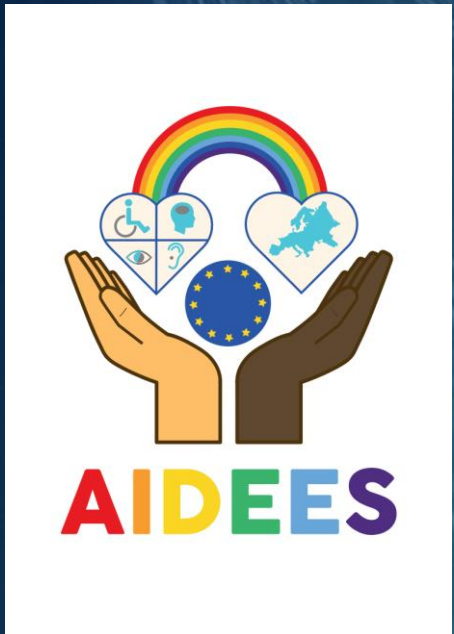
- The typed equation: $3x + 7 \cdot (x - 2) = 1$
- Buttons for "Corregirlo" and "Entrada de lápiz a matemáticas".
- A dropdown menu set to "Resolver para x".
- The solution: $x = \frac{3}{2} = 1.5$
- Another dropdown menu set to "Pasos para resolver una ecuación lineal".
- A list of steps, with the first step: "1. Usa la propiedad distributiva para multiplicar 7 por $x-2$." Below this step, the intermediate equation is shown: $3x + 7x - 14 = 1$.

$$e^{i\pi} + 1 = 0$$

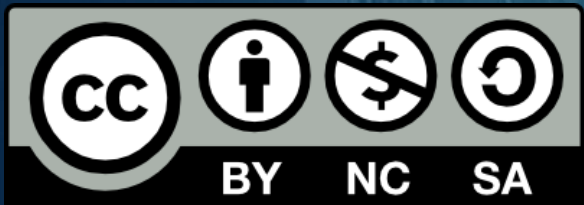
Equations Editor

It is a very complex function, that recognises characters and associates them with mathematical symbols. It allows you to solve equations, represent graphics, etc... in a very easy way.

It is a very useful tool that allows to bring mathematics closer to people.



THANK YOU VERY MUCH FOR
YOUR ATTENTION
IES LLOIXA (SPAIN)



"The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein."