

School Education in France

- The French constitution states that it is “the duty of the state to provide free, compulsory, secular education at all levels”. The French school system was founded on general principles that were inspired by the 1789 revolution.
- From 2012 to mid-2017, the government took a series of measures concerning ICT in education.
- In May 2015, after a national consultation, a digital plan to generalize digital education was launched.
 - Flexibility and more autonomy given to schools and local education institutions in the organization of school time
 - Investing in early childhood education and care- mainly supporting language development in kindergartens with disadvantaged population.

Pix : Certify your digital skills!

This project was funded by the National Council of Education and Economy, part of the French Ministry of Education. It has been designed since March 2016 and developed as a State Startup since June 2016.

- Pix is a platform for assessment and certification of digital competencies for French citizens, conducted by the French Ministry of Education together with research institutions.
- The main idea is to measure, promote and develop the digital competencies.
- for Citizens, and its source code is publicly available on GitHub under License AGPLv3



IMPACT

Pix is administered to every

- French student from 8th to 12th grade: 3.5M students,
- Half of all French higher education students (1.25M)
- Employment integration organizations.



CURRICULUM AND PROBLEM STATEMENTS

Pix's curriculum follows the European framework, DigComp2.0. A personal Pix account, accessible throughout life. 5 areas, 16 competences, 8 levels

- Information and data literacy;
- Communication and collaboration;
- Digital content creation;
- Safety;
- Problem solving (in a digital environment).

Pix allows everyone:

To assess their digital skills

Tests of skills, knowledge and ability to identify issues



Real environment



Adaptation of the questions to the level of each person



Problem solving and investigation

To develop their digital skills

1. On your own, with the help of targeted tutorials

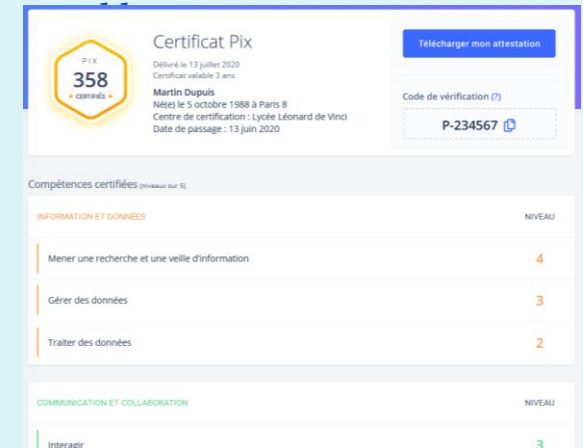
What is Smishing and How to Defend Against it [🔗](#)
By Kaspersky • Page • 7 minutes
[🗑️ Remove](#) [👍 Useful tutorial](#)

2. supported by teachers, notably through



To enhance their digital skills

To get an official certificate recognized by the professional



Certificat Pix
Délivré le 13 juillet 2020
Certificat valable 3 ans
Martin Dupuis
Né(e) le 5 octobre 1988 à Paris 8
Centre de certification : Lycée Léonard de Vinci
Date de passage : 13 juin 2020

Code de vérification (?)
P-234567

Compétences certifiées (niveau sur 5)

INFORMATION ET DONNÉES	NIVEAU
Mener une recherche et une veille d'information	4
Gérer des données	3
Traiter des données	2

COMMUNICATION ET COLLABORATION	NIVEAU
Interagir	3

Play an active part in your learning experience!

At any level

From beginner to expert

Pix is accessible at any level, from the most basic to the most elaborate questions.

An adaptive algorithm

The level of difficulty of the questions is adjusted to your level after each answer to help you improve faster. When you succeed, you move up to higher levels; if you have difficulties, you'll get questions that are within your reach.

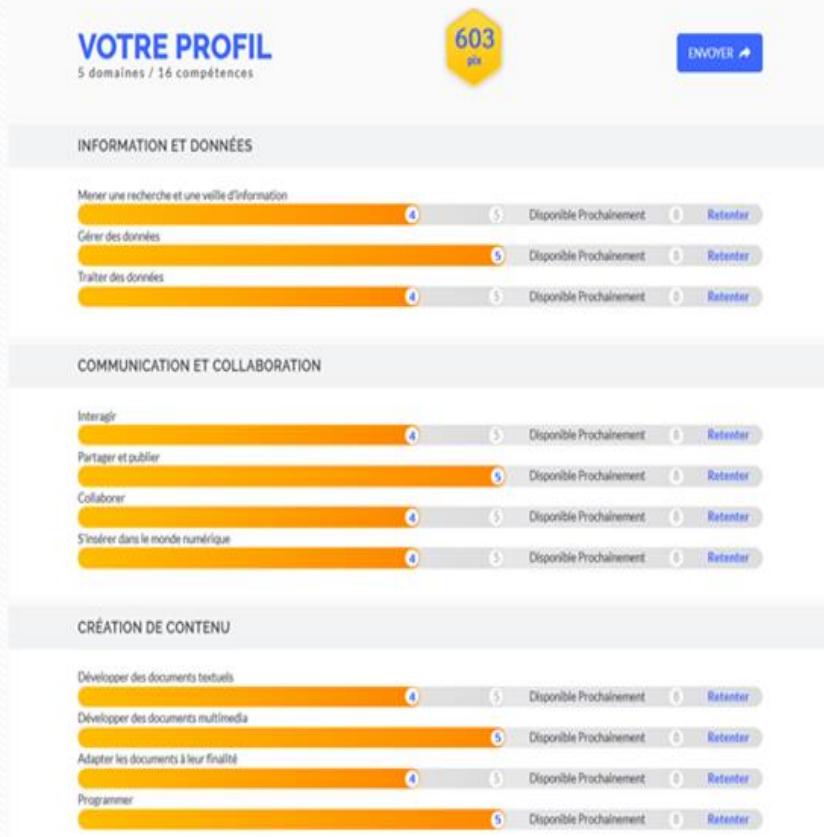
An evolutive framework

Technologies and uses evolve: our questions and framework too!



Earn pix for every correct answer

When you earn 8 pix in a competence, you level up! The ultimate goal? To reach an overall score of 768 pix corresponding to level 6 (and soon 1024 pix, corresponding to level 8), which is the highest level in each competence.



Exemple of question

pix | Protecting personal data and privacy

LEVEL 1 REACHED!
Protecting personal data and privacy

1 2 3 4 5

A small village has just released its annual statistics on its website.

Additionally, according to the village paper:

- Ricardo has just celebrated her 101st birthday with her grandchildren and great-grandchildren.
- Mina has just celebrated her 60th birthday in the village hall with her friends.

Answer the questions where possible. Otherwise, write **unknown**.

Annual statistics of the Village

Age range	Number of inhabitants in this age range	Median income per consumption unit measured (in €)	Average accomodations size (in m²)	Owner, primary residence (in %)	Poverty rate (in %)
< 15	59	NA	81	NA	12
15-24	23	17 342	70	7	16

pix | Protecting personal data and privacy

41%

Continue →

PROGRESSION

YOUR ANSWERS

- ✓ Which action can lead to your name appearing in a search engine? [Answers and tutorials](#)
- ✓ Personal data are protected by law in most countries in the world. Which of these forms respects the right...? [Answers and tutorials](#)
- ✓ When installing the Candy Crush Saga app on Facebook, Mira receives this warning. What does it mean? [Answers and tutorials](#)
- ✓ A small village has just released its annual statistics on its website. Additionally, according to the... [Answers and tutorials](#)
- ✓ According to its Privacy policy, what can Facebook do? [Answers and tutorials](#)

Continue →

My tutorials

Improve with the help of tutorials suggested by the Pix users' community.

My list

- Have I been pwned?** [↗](#)
By haveibeenpwned.com • Site • a minute
[Remove](#) [Useful tutorial](#)
- Fake President Fraud** [↗](#)
By AIG • Pdf • 5 minutes
[Remove](#) [Useful tutorial](#)
- What is Smishing and How to Defend Against it** [↗](#)
By Kaspersky • Page • 7 minutes
[Remove](#) [Useful tutorial](#)

Thank you for your
attention

Questions ??