



French Education Digital Strategy

“School is changing
with digital”

» L'école
change avec
le numérique »
#EcoleNumerique



The strategy «school is changing with digital»

Since December 2012, the Ministry of National Education, Higher Education and Research has been developing an ambitious strategy to bring schools into the digital age. This strategy aims to make the most of the opportunities offered by digital technology for the benefit of pupils' success.

The biggest National Digital plan for education ever.

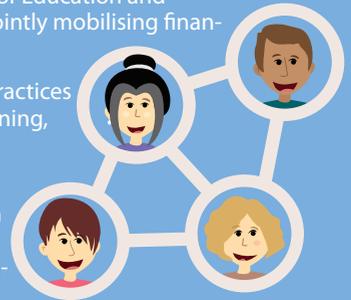
In order to achieve this ambition, a large-scale digital plan for education was announced by French President François Hollande on 7 May 2015. The aim is to mainstream digital technology (in schools) at the start of the 2016 school year (September), with priority given to the first secondary school classes. The plan includes a phase called «foreshadowing» in 2015; this will involve the provision of educational resources and services on individual mobile devices in September 2015 to pupils in their eighth year at ISCED 2 (12 years old) and their teachers in 600 secondary middle and primary schools, with a focus on priority education areas.

This plan is based on the lessons learned from the large-scale experiments carried out to foreshadow the generalization of digital technology in schools planned for 2016.

The digital plan is therefore a Presidential Priority as announced by François Hollande. Furthermore it is one of the main elements in the middle school reforms initiated last May by the minister of education. The Ministry of Education and regional/local public authorities are working together and jointly mobilising financial resources in order to implement the national plan.

In order to succeed in transforming teaching and learning practices with digital technology four pillars have been identified: training, equipment, resources and innovation.

This strategy is embodied in the creation of the digital educational public service, as provided for in the new legislation of 8 July 2013 "rebuilding the School of the Republic", which should help schools achieve the fundamental tasks of education and empowerment.



1 billion euros in public investment over the next 3 years for Digital Education development

The Directorate of Digital Technology for Education (DNE)

The Directorate of Digital Technology for Education (DNE) was officially established by Decree No. 2014-133 of 17 February 2014. Through its origin, its ambition, its missions and organisation, it embodies the ministry's digital strategy to «bring schools into the digital age,» a major challenge for schools and crucial for the success of pupils. The DNE implements and deploys a public digital education service and is in charge of steering I and implementing information systems



In this context, the creation of the DNE meets the need to use digital technology as a lever for change and performance improvement in the education system, whether this concerns teaching practices, information system administration or education data management.

Missions of the DNE

- Provide a prioritised and coherent development of resources, digital content and services that meet the needs of the educational community.
- Support activities and promote educational innovations in the digital field.
- Establish a policy of initial and continuous training of teachers «to» and «through» digital technology.
- Coordinate digital education projects in conjunction with stakeholders in the local education authorities throughout the country.
- Provide technical oversight for digital projects (infrastructures, networks, virtual learning environments, etc.).

Digital services for the success of all pupils

These services are the result of a very strong commitment by local teams and operators of public school education to the projects from central administration.

With these services, teachers, students and parents benefit from :

- Customised homework assistance and tutoring for pupils in the 7th grade (11 years old) in priority education areas
- dedicated tools to help early school leavers, to offer guidance and tools for fundamental lessons in primary school;
- provision of specific resources, particularly in the cultural field.

Services to teach better and to learn better :

- Éduthèque: a portal for primary and secondary school teachers (restricted access) enabling them to access free digital resources from leading scientific and cultural public institutions that they can use for educational purposes.

www.edutheque.fr

- M@gistere: an online platform for continuous education

<https://magistere.education.fr/>

- Fundamentals in elementary school: a series of hundreds of animated three-minute films (freely available on the internet) to understand, in a fun way, the basic concepts related to learning French, mathematics, science, etc..

<https://www.reseau-canope.fr/lesfondamentaux/accueil.html>

- English for schools: a digital educational resource service (exercises, videos) for 8-11 year olds, for a fun and easy way to learn English in the classroom and at home (available for all classes).

<http://kids.englishforschools.fr/>

- D'Col: a supporting interactive service for pupils in the 7th grade (11 years old) in priority education areas, on a proposal from their institution and with the agreement of parents. **<https://www.dcol.fr/>**

- "Responsible Internet": a portal offering selected resources to teach responsible use of ICT.

<https://eduscol.education.fr/internet-responsable/>



« Collèges numériques » : 600 secondary middle and primary schools to develop educational uses of digital technology since September 2013

600 secondary middle and primary schools in priority education areas were selected to receive educational support and specific investments to enable them to go further in the integration of digital technology in teaching and school life.

The « Collèges numériques» project is a collaboration between the Ministry of National Education, Higher Education and Research, local education authorities and local administrative authorities. The objective was to integrate digital education in terms of both pedagogy and equipment.

The project has three main objectives :

- show the practical benefits of digital technology for students, teachers and families;
- integrate digital technology into everyday life in the school and the educational community;
- promote mass and transverse digital applications conducive to academic success.

It is based on :

- a commitment to provide equipment (eg high speed internet, digital tablets for students and digital interactive whiteboards for all classes);
- a teaching team heavily involved in the use of digital technology;
- a digital learning project shared within the institution;
- a willingness to try new uses.

It is based on the following guidance:

- monitoring and assessment throughout the year and over time;
- training for the teaching staff;
- an assessment of benefits.



www.education.gouv.fr/ecolenumerique
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