Conectar Igualdad Program
What is the Conectar Igualdad Program?

- It is a comprehensive national education strategy aimed at transforming secondary education, special education and teacher training.
Provisions

- Decree 459/10 creates the Program
- Res. FEC (Federal Education Council) 82/09 establishes the “One laptop per student” program for the higher cycle of technical schools.
- Res. FEC 114/10 subsumes the above Program in the Conectar Igualdad Program.
- Res. FEC 123/10 establishes the Educational Digital Inclusion Policy.
- Decree Law N° 76/11 provides for the definite assignment of netbooks
- Res. FEC 139/11 modifies the Rules & Regulations governing the operation of the Program
Beneficiaries in secondary schooling pursuant to Res. FEC 123/10 and 139/11

“B. Beneficiaries of the program
1. In secondary and special education schools
1.1. Students

- Secondary schools with humanistic, commercial, artistic, technical /vocational orientation

Public secondary school students from the first three years of the general education cycle and from the last two more specialized years receive, for free, and as a loan of use, an educational laptop, that they take home.

Secondary schools with humanistic, commercial and artistic orientation, being them provincial, municipal or university-managed, receive a computer for every enrolled student the year they join the program and all schools shall be incorporated by the year 2012.

In the case of vocational technical schools, in 2010, students of the higher cycle were provided with a computer. As from the year 2011, the rest of students enrolled in those schools will be provided with a computer…”
• Learning from international, national and provincial precedents.

• Bilateral Agreements (Uruguay, Paraguay, Venezuela, Peru)
Goals

- Reappraise public schooling.
- Strengthen the digital inclusion and quality of education improvement processes.
- Meet the interests, needs and demands of students from the different levels of education.
- Deepen the social impact of a universal education inclusion policy.
- Bridge the digital, education and social divide of the population.
- Strengthen the role of teachers.
## Executive Committee

| Ministry of Education | • Definition and implementation of the educational strategy  
|• Selection of schools  
|• Definition of terms of reference for procurement of computers  
|• Coordination of implementation together with provincial and City of Buenos Aires authorities. |

| ANSES | • Procurement, funding and distribution of computers  
|• IT infrastructure at schools |

| Ministry of Federal Planning, Public Investment and Services | • Connectivity to schools and households (Res. SECOM 147/10) and satellite through ARSAT |

| Chief Cabinet Minister’s Office | • Physical and logical security policy of networks and computers |
## Educational institutions already covered

<table>
<thead>
<tr>
<th>TYPE OF INSTITUTION</th>
<th>NUMBER</th>
<th>NETBOOKS DISTRIBUTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary</td>
<td>4,333</td>
<td>1,814,687</td>
</tr>
<tr>
<td>Special Education</td>
<td>718</td>
<td>80,779</td>
</tr>
<tr>
<td>Teacher training institute</td>
<td>444</td>
<td>151,129</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>5,495</td>
<td>2,046,595</td>
</tr>
</tbody>
</table>

Educational Institutions and Netbooks yet to be covered & distributed: 6,168 – 1,600,000 Netbooks
Connectivity

Educational Institutions Awarded
Tender Nº 1 – Res. 147/10 - COMSE

<table>
<thead>
<tr>
<th>PRIMARY SCHOOLS</th>
<th>CONECTAR IGUALDAD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,496</td>
<td>3,421</td>
<td>4,917</td>
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</table>

Educational Institutions included in
Tender Nº 2 – Res. 147/10 - SECOM

<table>
<thead>
<tr>
<th>Conectar Igualdad</th>
<th>CFP</th>
<th>Kindergarten</th>
<th>Nursery schools</th>
<th>Primary schools</th>
<th>Secondary schools for adults</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,476</td>
<td>47</td>
<td>3,844</td>
<td>58</td>
<td>1,488</td>
<td>160</td>
<td>11,073</td>
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</tbody>
</table>

Educational Institutions
Satellite Connectivity – ARSAT

<table>
<thead>
<tr>
<th>Conectar Igualdad</th>
<th>PRSE Primary Schools</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,053</td>
<td>375</td>
<td>2,428</td>
</tr>
</tbody>
</table>
Educational Components

- Training devices. Professional Development for Teachers.
- Content and Teaching Aids production.
- Communications and social networks.
- Assessment and Follow-up.
Teacher training

National Strategy:
• Higher education level postgraduate degree
• Regional and international congresses on training and information exchange
• 100 online courses
• In-person workshops on curricular subjects and ICTs
• Training of Trainers
• In-person workshops on school management
• In-person workshops on the design of lessons with ICTs
• Workshops to exchange information and experience
• Regional and international congresses
• Training and strengthening of technical teams on site

Federal Strategy:
- Online courses on digital literacy
- Awareness workshops for teachers, school authorities and parents
- In-person workshops on curricular subjects and ICTs
- Technical assistance and school training through teams on site
Higher education postgraduate degree pursuant to Res. ME 856/12

FREE OF CHARGE

ONLINE & IN-PERSON

2 YEARS OF DURATION

For all teachers and school managers in Secondary and Special Education Schools and Teacher Training Institutions
Postgraduate degree

**DURATION:** 400 hours.

**CERTIFICATION:** Higher Level Specialist in Education and ICTs.

**INTERMEDIATE CERTIFICATION:** Academic Updating (if 200 hours are completed).

**STRUCTURE:** seven modules & two intensive seminars

**MORE INFORMATION:**

www.postitulo.educacion.gov.ar

www.me.gov.ar

<table>
<thead>
<tr>
<th>Modules</th>
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</thead>
<tbody>
<tr>
<td>Introductory module</td>
</tr>
<tr>
<td>Pedagogical policy framework</td>
</tr>
<tr>
<td>Teaching and Learning with ICTs</td>
</tr>
<tr>
<td>The 1 @ 1 Model</td>
</tr>
<tr>
<td>Thematic Module 1: ICT Strategies</td>
</tr>
<tr>
<td>Thematic Module 2: Crossed integrations</td>
</tr>
<tr>
<td>Development of Educational Proposals 1</td>
</tr>
<tr>
<td>Development of Educational Proposals 2</td>
</tr>
<tr>
<td>Intensive Seminar 1</td>
</tr>
<tr>
<td>Intensive seminar 2</td>
</tr>
<tr>
<td>Final Colloquium</td>
</tr>
</tbody>
</table>
Regional Congresses

Congresos 2012 Conectar Igualdad

El Ministerio de Educación de la Nación convoca particularmente a docentes, directores, supervisores y estudiantes de nivel secundario, de la modalidad educación especial y de nivel superior a participar de los Congresos Regionales Conectar Igualdad que se realizarán durante el año 2012 en distintas provincias del país.

¿De qué se trata?
Se trata de eventos de sensibilización y reflexión entre pares de distintas provincias respecto de la integración de tecnologías en los procesos de enseñanza y aprendizaje y su impacto en la inclusión socioeducativa de los adolescentes y jóvenes de la Argentina.

¿Cuáles son los objetivos?

- Visibilizar el impacto del Programa Conectar Igualdad en las Escuelas Secundarias, Escuelas de Modalidad Especial e Institutos Superiores de Formación Docente del país
- Generar un espacio de análisis y reflexión en torno a la utilización de las nuevas tecnologías en las aulas y fuera de ellas.
- Socializar experiencias y proyectos entre actores de comunidades educativas con cercanía regional.
- Aportar conocimientos expertos para el proceso de mejora de la enseñanza y los aprendizajes.
- Favorecer el conocimiento de las acciones y recursos que el Ministerio de Educación de la Nación pone a disposición de las escuelas del sistema educativo argentino.
Online workshops

Spaces to exchange ideas
A space to exchange ideas, work collaboratively and think of new ways to apply to netbooks in the classroom.

Spaces of collaborative exchange of ideas to teach Art
Spaces of collaborative exchange of ideas to teach Ethics and Citizenship Education
Moodle Platform for secondary school education.
Internet at home.
Training youngsters and families

National Strategy:
• Online courses on digital literacy
• Self-help courses on trades
• Courses on software management and development
• Robotics
• Safe browsing
• Job searching and ICTs
• Conectar Festival

Federal Strategy:
Online courses on digital literacy
In-person workshops on curricular subjects and ICTs
…….
Contents:

- New portals
- 75 new pieces of software
- 50,000 digital learning objects
- Printed material
- Air time on Encuentro TV channel
- Content for youngsters & their parents
Conectate:
And audiovisual downloading platform

La asombrosa excursión de Zamba

José Zamba viaja en el tiempo y descubre importantes hechos de la historia nacional argentina. Presenta la Revolución de Mayo, visita la casa de Sarmiento, se encuentra con San Martín, con Belgrano, con los soldados que lucharon en Malvinas y con muchos otros.
And a tool to use the contents off line

My desktop

- Mixed connectivity
- The teacher starts to act as a curator
- Open, downloadable content
- The ICTs as ECTs
Content for youngsters and families

- Manual on Internet risks
- The Conectados Magazine: 200,000 copies
- Courses, contests and training material
- Information on trades
Desktops - Offline content
Secuencias Didácticas

Literatura
Ciclo básico
Ciclo orientado

Geografía
Ciclo básico
Ciclo orientado

Biología
Ciclo básico
Ciclo orientado

Física
Ciclo básico
Ciclo orientado

Matemática
Ciclo básico
Ciclo orientado

Química
Ciclo básico
Ciclo orientado

Formación Ética y Ciudadana
Ciclo básico
Ciclo orientado

Lengua
Ciclo básico
Ciclo orientado

Historia
Ciclo básico
Ciclo orientado
Multimedia Argentine Art Collection
Diez edificios mil historias

Descubrí la magia y los secretos de los edificios históricos. Recorré cada sector, observá cada detalle y caminá por los pasillos como si estuvieras allí. Disfrutá de esta experiencia única, vos también sos parte de nuestra historia.

- Museo Nacional de Bellas Artes
- Museo de Arte Contemporáneo de Rosario
- Museo Arqueológico de Salta
- Museo de Ciencias Naturales de La Plata
- Casa de Gobierno
Interactive map library

thematic overlay
write plot
Biblioteca de Libros Digitales

Acercamos a la comunidad educativa de todo el país un conjunto de textos, manuales y libros categorizados por disciplina o serie temática.

Buscar en la biblioteca:

- Biología
- Compu en casa
- Cursos virtuales
- Geografía
- Historia
- Lengua
- Notebooks
- Química
- Sordos
- Serie Familia
- Unipe
- Colección Miradas de la Argentina
- Desde adentro. Las comunidades originarias de la
1000 thematic videos
40 3D videos
Historical picture gallery
Lengua

Actividades interactivas a modo de juego para repasar y reforzar contenidos de lengua. Algunas tienen varios niveles de complejidad dentro del mismo juego.

VER LOS JUEGOS DE LENGUA

Matemática

Actividades interactivas a modo de juego para repasar y reforzar contenidos de matemática. Algunas tienen varios niveles de complejidad dentro del mismo juego.

VER LOS JUEGOS DE MATEMÁTICA
Animated infographic collection

500 animated and interactive infographics

• 200 for Social Sciences

• 300 for Natural Sciences
Distributable material

DVD by curricular subject area
Pen Drives
Magazines
Subject Area Materials
Materials for 1:1 practices

Chemistry, Math, Spanish, English, Geography, History, Citizenship Education, Biology, Art

Use of platforms
Multimedia Design
GeoGebra & Simulations
Videogames
Instructional 1:1 strategies
Ubuntu
Windows & Linux
Netbooks in the classroom
Social Networks

- University volunteer work (139 projects being developed)
- Volunteer work in Teacher Training Institutions (100 projects being developed)
- Work done jointly with the Network of Organizations for the Right to Education:
  - OS Training Platform
  - Awareness and digital support workshops for popular educators
Assessment & Follow-up

• Internal monitoring and follow-up actions in collaboration with the Organization of Ibero-American States

• Assessment by National Universities
  • 2011- Agreement with 11 National Universities. First institutional and social impact of the PCI.
  • 2012- Agreement with 15 National Universities.
    • Impact on the school, the classroom and teaching practices
    • Audiovisual record
    • Special studies: secondary school– university articulation, local development and labor prospects.