




# The IEA International Computer and Information Literacy Study (ICILS)

*How well are your students prepared for study, work and life in the information age?*

-  *How does student computer and information literacy vary within and between countries?*
-  *What factors influence students' computer and information literacy?*
-  *What can education systems and schools do to improve students' computer and information literacy?*

## TIMELINE



### **ABOUT ICILS**

The IEA International Computer and Information Literacy Study (ICILS) is the first international comparative study of student preparedness for life in the information age—*the ability to use computers to investigate, create and communicate in order to participate effectively at home, at school, in the workplace and in the community.*

In total, ICILS comprises five international instruments.

#### **A student test of Computer and Information Literacy**

Each student will complete two 30 minute assessment modules. The modules include authentic computer based information literacy, management and communication tasks in a controlled on-line environment.

#### **A 20 minute student questionnaire**

The student questionnaire will be completed on-line and comprise questions about aspects of students' background, their use of computer technology and attitudes towards the use of computer technology.

#### **A teacher questionnaire**

The on-line teacher questionnaire will ask about teacher use of computers at school and outside school and about self-reported competency in using computers.

#### **A school questionnaire**

The on-line school questionnaire to be completed by the school principal will ask about computing resources and policies and practices regarding the use of information technologies at the school as well as school characteristics.

#### **A national context survey of ICT education**

The on-line national context survey will collect information on the participating education systems including policies, initiatives, infrastructure resources and practices relating to ICT education in schools.

### **STUDENTS**

The target population for ICILS is Grade 8 with an option of an additional Grade 4 assessment.