+ PLUS paper

1.2 billion students are enrolled in primary and seco... schools w... - CSI+ res...

17% increase in test scores achieved by students using computers in the classroom versus those who do not - *Gulek & Demirtas, 2005*

75%

25%

95%

jobs in the developed world requiring co... skills 1983 - *US D...m*

...obs ...ed today ...ring ...icant ...ter skills - ...pt. of Commerce

jobs in the developed world requiring computer skills today - *US Dept. of Commerce*
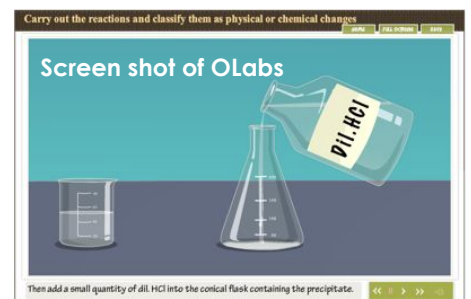
Technology for Tomorrow's Teaching

The use of technology in education not only improves learning, but also better prepares students for work. Private companies, foundations, and individuals contribute significantly to improving the quality of education through technology and ultimately strengthening the future workforce.

CSI+ has worked with universities worldwide as they pioneer innovative uses of technology in education through the support of the Hewlett Packard Catalyst Initiative.

Transforming Education

Support to innovative education initiatives can have a transformative effect. *Kenyatta University* in Nairobi is working to empower secondary school teachers to integrate the use of laptops into their teaching to make science and mathematics concepts more accessible to students. This is contributing directly to Kenya's national education priority of mainstreaming technology into education.

Amrita University in India has designed free online software called OLabs that simulates

Carry out the reactions and classify them as physical or chemical changes

Screen shot of OLabs

DIL.HCl

Then add a small quantity of dil. HCl into the conical flask containing the precipitate.

various chemistry and physics experiments. This software not only facilitates learning, but also enables students to engage in science experiments without costly laboratory supplies and helps students who have learning disabilities.

Students and teachers at the *Colorado School of Mines* have developed a software called InkSurvey whereby teachers can ask questions to students with tablet devices and receive free-response format answers instantly. This software enables teachers to make real-time assessments during class and adapt their teaching accordingly.

Top Corporate Foundations for Education, USD (2010)

- ✔ GE Foundation (40M)
- ✔ Wal-Mart Foundation (26M)
- ✔ Goldman Sachs Foundation (21M)
- ✔ Bank of America Foundation (21M)
- ✔ Wachovia Wells Fargo Foundation (20M)
- ✔ Citi Foundation (19M)
- ✔ Verizon Foundation (16M)

Foundation Center, 2012

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