

LIGHT SPEED



Engaging

Empowering

Educating

Preparing

all students for the
21st Century.



Light Speed Initiatives Phase 1 Digital Age Tools and Culture

Light Speed initiatives were launched in the Pont Loma Cluster with the leadership and support of the school administration and San Diego Unified School District Educational Technology and IT.



Digital Classrooms

LCD Projector, Laptop & Internet for every classroom.



Digital Lockers

Web based storage for all students—access from anywhere.



School Web Site

Real time communication, teacher pages, podcasting.



Parent Connection

Online access to check student grades & information.



Online Tutoring—Free

Students connect to a live online tutor for real time help.



Library's to "ibrary's"

Convergence of text and digital information literacy.

Light Speed Initiatives Phase 2 "A Thru E"

The A thru E is the digital student toolkit for 21st Century Learning. It is the enabler for powerful transformation of delivery and information literacy. Relevant, real time, engaging and empowering.



Applications

Web and PC based applications for all students.



Broadband

Ensure high speed internet to every student's home.



Curriculum & Assessment

Online, relevant, real time, accessible anytime or place.



Devices

A laptop or connected learning device for every student.



Education

Digital literacy training for teachers, parents and students.

Phase 1 provides a foundation to develop a digital age culture. **Phase 2** requires re-thinking every step of educational delivery. It solves the digital divide, expands delivery from the 4 corners of the school to the 4 corners of the world and empowers students.

LIGHT SPEED

Project Light Speed.

Digital age reform that will transform education and engage students.

Vision.

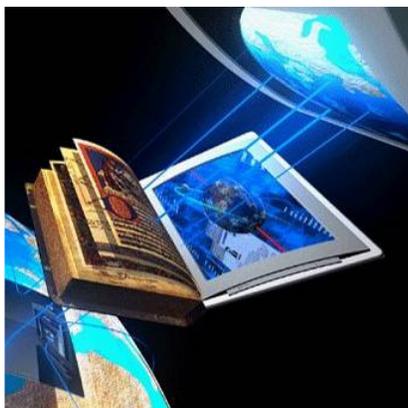
Create a community of passionate lifelong learners.

Mission.

Engage, Empower, Educate and Prepare all students for the 21st Century and global economy.

Values.

Foster an engaging learning experience to meet the diverse needs of all stu-



Marc Prensky

Thought Leader in Education
Masters in Teaching, Yale/MBA Harvard
University

"Today's learners are not the ones our systems (and teachers) were designed and trained to teach."

"For the first time in history, learners are no longer limited by their teachers' ability and knowledge."

"Learners are looking for 21st century skills and knowledge."

---- Marc Prensky is an internationally acclaimed speaker, writer, and designer in the critical areas of education and is a former high school teacher.



Dr. Larry Smarr

Director, California Institute for Telecommunications and Information Technology
UCSD

"Education must move toward real-time. Kids don't understand sitting in classrooms, looking at books written 20 years ago."

---- Dr. Smarr is a pioneer in prototyping information infrastructure to support academic research, governmental functions, and industrial competitiveness.



Bill Gates

Microsoft Founder

"What good is it for kids to graduate in 2006 from a school system that was designed for 1956?"

---- Bill Gates is determined to transform the 150 year old educational delivery system.



Why do we need digital age reform?

They Said It.

"The U.S. Classroom is a 150 year-old, relatively low-cost technology, worn out by changed conditions for meeting these requirements."

"The legacy of the one room school house is holding back the potential of the one-world classroom"

-- The Power of Internet Learning, A Report to the President and the US Congress.

Time Magazine.

A yawning chasm (with an emphasis on yawning) separates the world inside the schoolhouse from the world outside.

America's bloated textbooks, gallop through a mind-numbing stream of topics and subtopics in an attempt to address a vast range of state standards

Facts.

The US globally ranks 25 in math and 20 in science.

1/3 of high school students drop out.

Questions.

What is real knowledge in the Google Era?

How do we engage, empower, educate and prepare all students for the 21st Century and global economy?