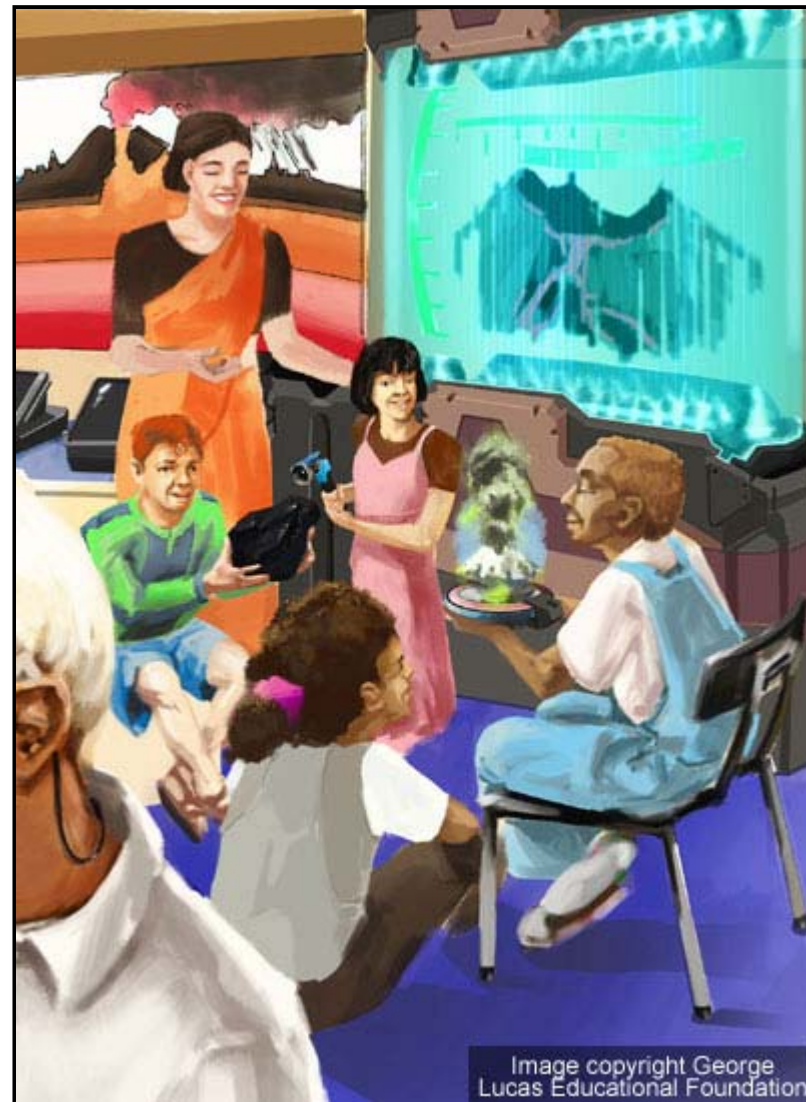


Technology Administration
The Future of Education
VISIONS 2020

IMAGINE...

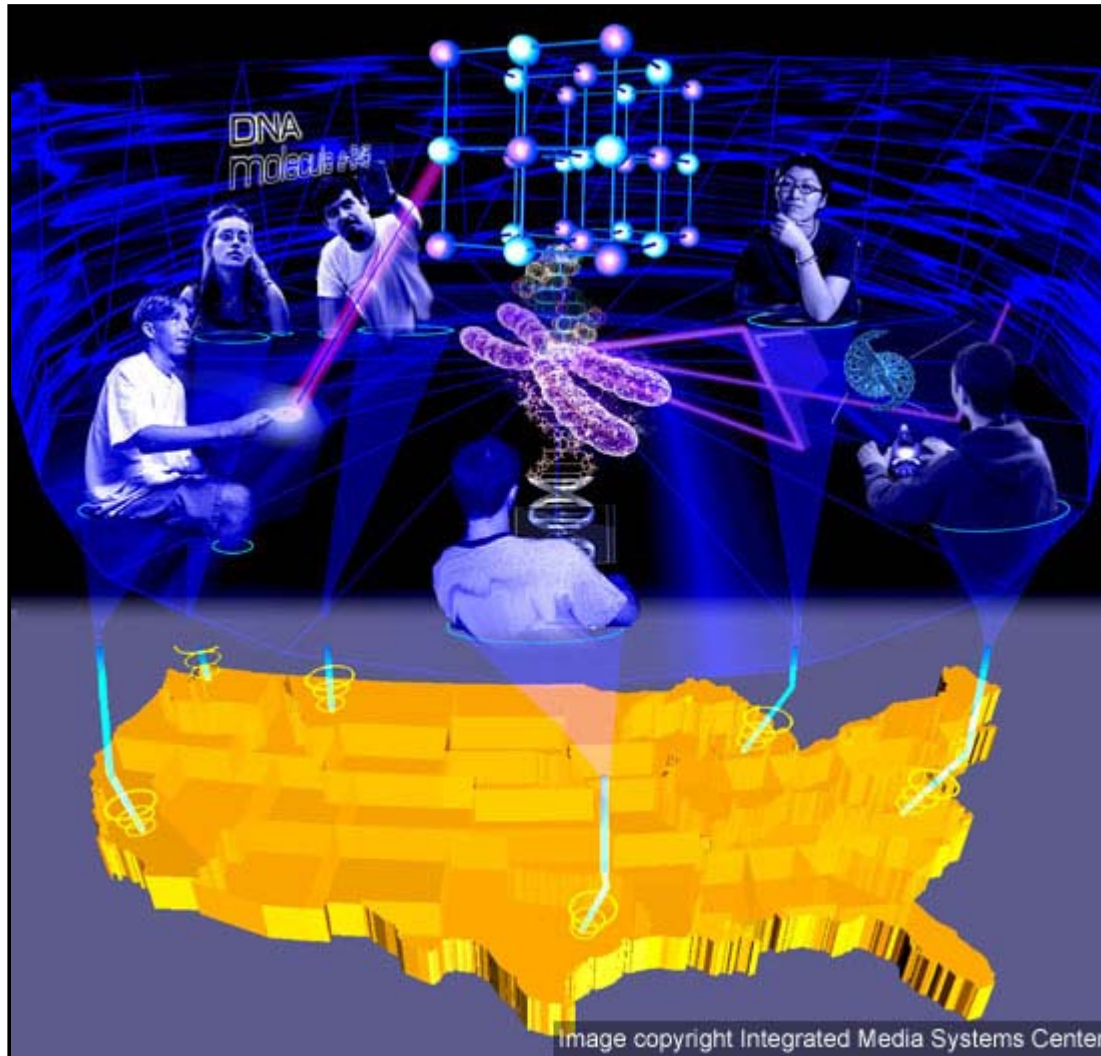


studying a volcano, watching a 3-D hologram of its eruption,



right on your desk top.

IMAGINE...



students physically located around the country meeting in a virtual classroom. The audio and visual environment is fully immersive. Students feel like they are in the same room.

IMAGINE...



exploring the prehistoric landscape in a simulated virtual world with the sights, sounds, smells, and sensations of actually being there.

EXPERIENCE A REVOLUTION IN

LEARNING!



"I'm Phil Bond, Under Secretary of Commerce for Technology, I believe powerful technologies under development in U.S. labs right now are about to transform learning in ways we can't even imagine. Rapid advancements in the years ahead could enable new learning environments using such things as **simulation, visualization tools, virtual worlds, personal intelligent tutors, vast digital libraries and museums**, learning and collaboration unbounded by geography.



"The technologies that are coming could help students of all ages reach their potential by teaching individuals in the way they learn best and at their own pace. We could have knowledge and training when and where we need them. Students will be able to learn faster and better. They'll reach much higher levels of achievement, and at a lower cost.





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"At the same time, exciting new jobs and new occupations would be created for education professionals



Coral Reef Photos Courtesy National Oceanic and Atmospheric Administration, Photo Illustration by Kathie Koenig, Technology Administration

SIMULATION



"Development and deployment of these technologies for learning could have profound effects on U.S. competitiveness, job opportunities, and our standard of living. With rapid technological change and growing competition around the world, a highly-skilled, constantly learning workforce is more vital to our nation than ever before.



"So I invite you to visit our Visions 2020 web site and learn how we are working to ignite a revolution in education and training by fostering new technology based tools for learning.



VISIONS 2020

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RESOURCES

Visions 2020 the future of education

[Vision 2020 Report](#) (pdf)

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