

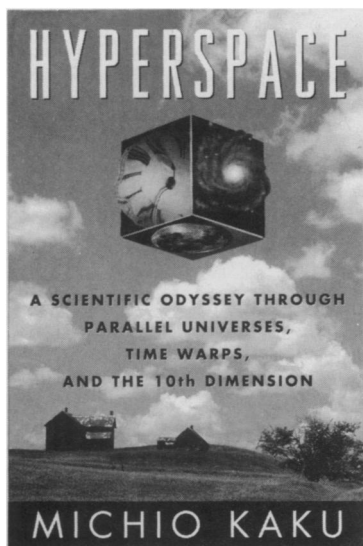
The Weekly Newsmagazine of Science

# SCIENCE NEWS

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Vol. 145, No. 17  
Pages 257-272



**Convoluting  
Cell  
Membranes**



Are there other dimensions beyond our own? Is time travel possible? Can we change the past? Are there gateways to parallel universes? All of us have pondered such questions, but there was a time when scientists dismissed these notions as outlandish speculations. Not any more. Today, they are the focus of the most intense scientific activity in recent memory. In *Hyperspace*, Michio Kaku offers a tour of the most exciting work in modern physics, work which includes research on the tenth dimension, time warps, black holes, and multiple universes.

The theory of hyperspace (or higher dimensional space) — and its newest wrinkle, superstring theory — stand at the center of this revolution, with adherents in every major research laboratory in the world, including several Nobel laureates. Beginning where Hawking's *Brief History of Time* left off, Kaku paints a vivid portrayal of the breakthroughs now rocking the physics establishment.

Michio Kaku is one of the leading pioneers in superstring theory and has been at the forefront of this revolution in modern physics. With *Hyperspace*, he has produced a book for general readers which conveys the meaning of space and time. It is an exhilarating look at physics today and an eye-opening glimpse into the ultimate nature of the universe.

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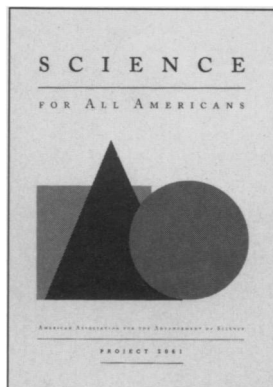
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**Science for All Americans** defines the scientifically literate American, describing the knowledge, skills, and attitudes all students should acquire from their total learning experience, and offers a series of recommendations for reforming our system of education in science, mathematics, and technology. **Benchmarks for Science Literacy** takes this one step further. Created in close consultation with a cross-section of American teachers, administrators, and scientists, **Benchmarks** elaborates on the recommendations to provide guidelines for what all students should know and be able to do in science, mathematics, and technology by the end of grades 2, 5, 8, and 12. **Benchmarks** is not a proposed curriculum, nor is it a plan for one: it is a tool educators can use as they design curricula that fit their students' needs and meet the goals recommended in **Science for All Americans**. Far from pressing for a single educational program, Project 2061 advocates a reform strategy that will lead to more curriculum diversity than is common today.

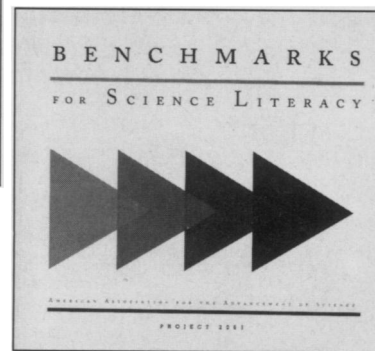
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