

COVER

A growing number of U.S. corporations are reacting to reports of poor student performance on national and international tests by contributing time and money to efforts aimed at improving math and science education in U.S. schools. To find out what they are doing and how well it's working, see page 1030.

Photo illustration: Kelly Krause/Science (images: Jupiter Images; Getty)

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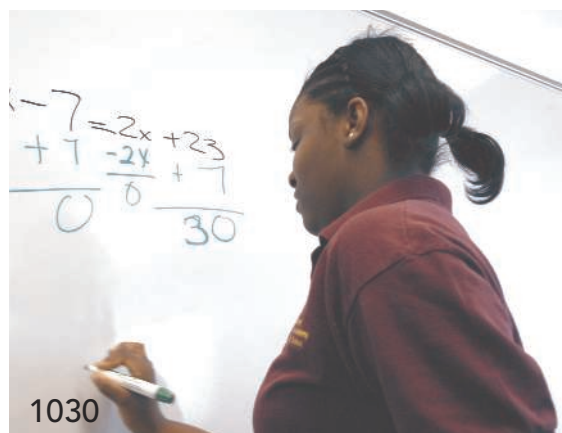
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Selective Blockade of MicroRNA Processing by Lin-28

S. R. Viswanathan, G. Q. Daley, R. I. Gregory

A protein necessary for reprogramming skin fibroblasts to pluripotent stem cells is an RNA-binding protein that normally inhibits microRNA processing in embryonic cells.

10.1126/science.1154040

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Video-Rate Far-Field Optical Nanoscopy Dissects Synaptic Vesicle Movement

V. Westphal et al.

Sequential subdiffraction resolution images of fluorescently labeled synaptic vesicles in live cells reveal that they exhibit several distinct movement patterns.

10.1126/science.1154228

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Response to Comment on "International Conservation Policy Delivers Benefits for Birds in Europe"

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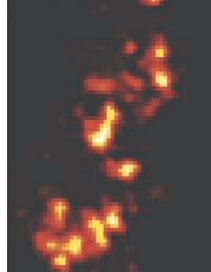
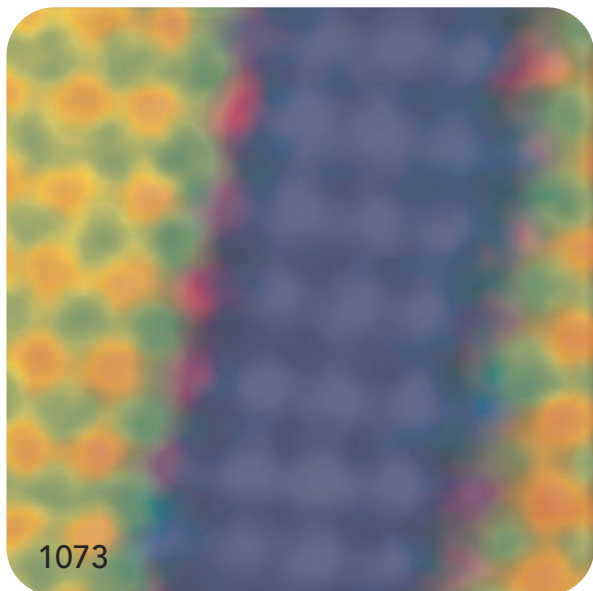
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10.1126/science.1153465

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10.1126/science.1154115

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The purple sea urchin is headed for trouble.

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Warm Sea Urchins on Acid

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A Grand Diversion in Louisiana

Model predicts how much wetlands would benefit from shunting Mississippi River.

Anticipation Fires the Imagination

New research helps explain why finding new love—and other experiences—don't always meet expectations.



Benefiting from life's setbacks.

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Mastering Your Ph.D.: Preparing for Your Post-Ph.D. Career

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Find out how to find a job that suits you, inside or outside academia.

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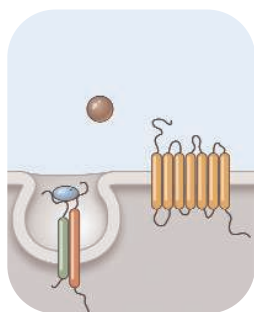
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Spain's science funding agency rejected Eduardo Moreno's idea, but it still won him a grant from the European Research Council.

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Kremen regulates Wnt signaling.

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PERSPECTIVE: Context-Dependent Activation or Inhibition of Wnt-β-Catenin Signaling by Kremen

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Mutual interactions between the cytoskeleton and local translation may mediate growth cone steering response.

PODCAST

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