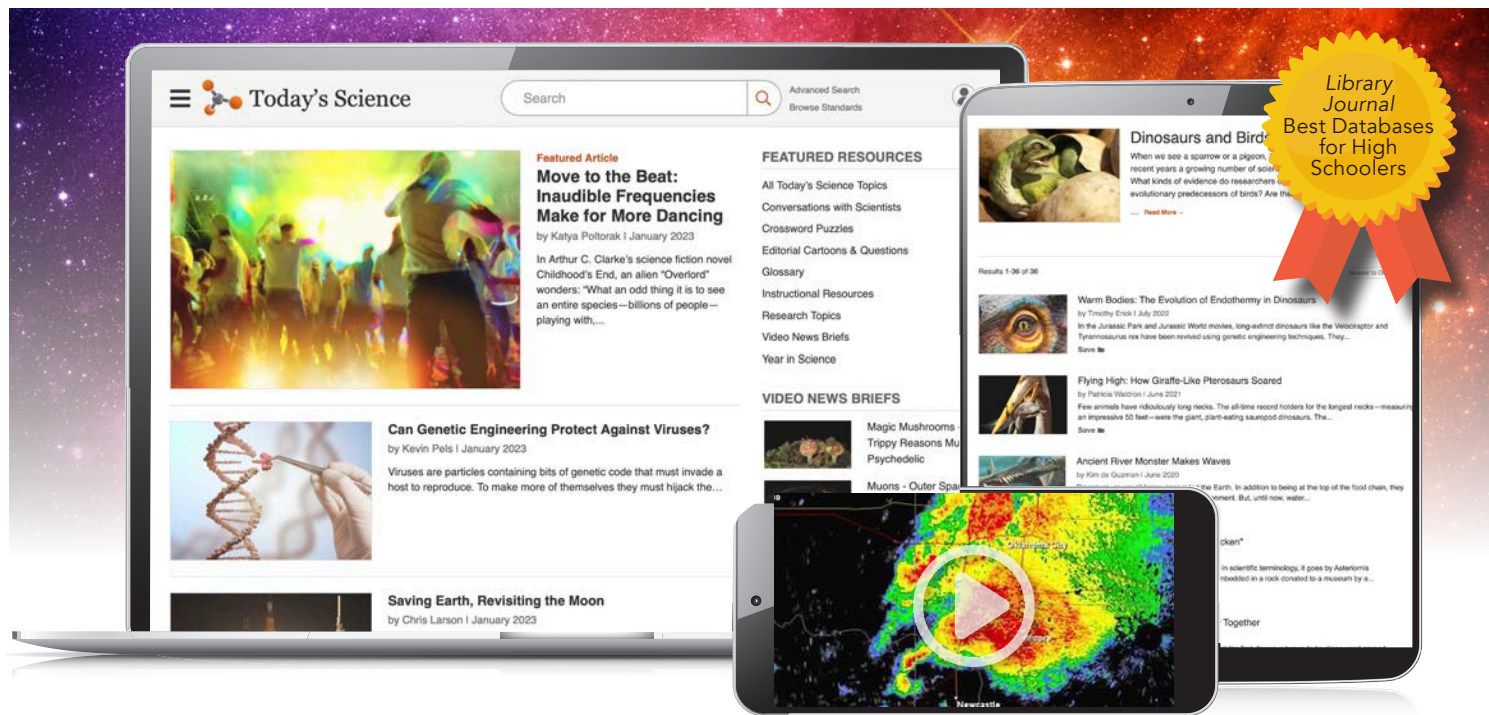


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## Booklist

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## HIGHLIGHTS AND FEATURES

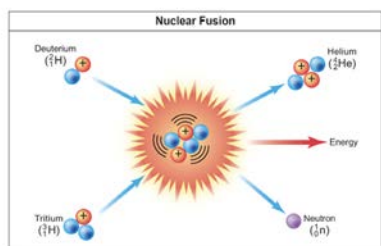


**AI Master the Complex Games of *Stratego* and *Diplomacy***  
by Andrew Hichings | January 2023

Computers have rivaled or beaten the top human players at games ranging from chess to poker to Starcraft, but they still find some games a challenge. The games where computers have done relatively small number of options and variables. Chess has perfect information and all the pieces are always visible. A chess-playing program against one other player. It can only compete with its opponent. It needs to choose between just 64 possible positions for each piece.

**A Breakthrough with Fusion**  
by Chris Larson | January 2023

On December 13, the U.S. Department of Energy announced that researchers at the Lawrence Livermore National Laboratory in Livermore, California, had conducted an experiment in which they released more energy from fusion reactions than was used to power those reactions. U.S. Department of Energy Secretary Jennifer M. Granholm hailed the experiment, which took place on December 5, as a "landmark achievement," calling it a "milestone [that] will undoubtedly spark even more discovery."



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- Share to Google Classroom
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- Persistent record URL links
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**CONVERSATIONS WITH SCIENTISTS**  
**Valentina Perricone: Finding Strength in Sea Urchins**  
Interview Date: January 2023

Save Share Cite 55 Read Aloud 4 Glossary Links Translate 222 Google Classroom



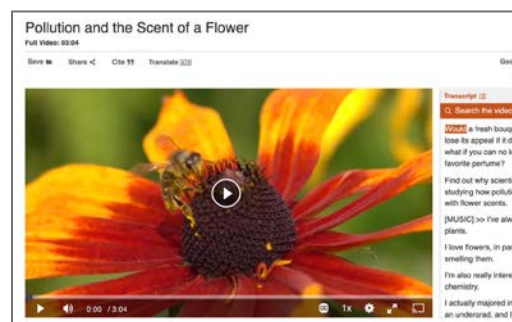
"... there is the mistaken belief that knowledge of the world is complete, and scientific laws are perfect and absolute. Young students are not aware of the fact that there are infinite possibilities to discover new things and hidden laws in the natural world, and that they have the potential to lead new awareness and develop new technologies."

Università degli Studi della Campania Luigi Vanvitelli M. Bark

Valentina Perricone is a marine biologist and biomimetic consultant in the Department of Engineering at the Università degli Studi della Campania Luigi Vanvitelli where she is an expert in the fields of biomechanics and biomimetics. Below are Valentina Perricone's responses to questions posed to her by Today's Science. Some of the questions deal with how she became interested in science and began her career in marine biology, while others address specific issues raised by the research discussed in *Sea Urchins Find Strength in Geometry*.

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