

Teacher Tip: Make a Scale Model of the Solar System



Make a scale model of the solar system in your classroom using a scale of 1 cm:5x10⁶ km for planetary distances. For planetary sizes use a scale of 1 cm:2x10³ km. The model can help students visualize the relative sizes of the planets and their distances from one another and the Sun. For a math component, you can have students make their own calculations and fill in data tables.

Science Fair Ideas



Stressed about an upcoming science fair? Staff biologists Mary Haugen and Angela White introduce you to small, easy-to-maintain, living organisms that spark student interest and make great subjects for science fair projects.

>> [Science Fair Project Ideas](#)

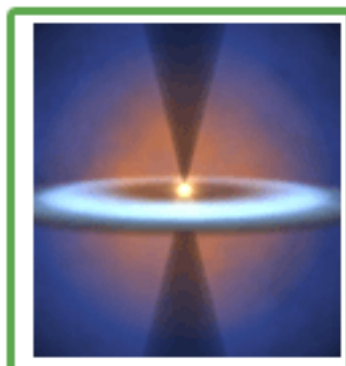
Classroom Planetarium—Middle School



With this lesson plan from our partner Discovery Education (formerly Discovery School), help your students learn the basic facts about our solar system's planets and create a 3-D classroom planetarium. You can teach this lesson in 2 class periods using common craft materials.

>> [Classroom Planetarium](#)

A Star Is Born—High School



Introduce your students to the "life cycle" of stars with this lesson plan from our partner Discovery Education (formerly Discovery School). Through directed research, students learn about stellar evolution. This lesson requires only reference materials and can be taught in 2 class periods.

>> [A Star Is Born](#)

On the Cutting Edge: Owl Pellet Inquiry



An owl pellet is the end product of the owl's digestive process. It contains the undigested parts of prey such as bones, teeth, and hair. Learn how owl pellet dissection can be used to begin discussions of feeding habits, ecosystems, food webs, and more.

>> [On the Cutting Edge: Owl Pellet Inquiry](#)

The Zula® Patrol Launch Pad for Learning™—Elementary



The Zula® Patrol, a children's program on PBS, promotes science and astronomy learning through engaging character-driven stories. The popular show now has an education program that gives early-elementary students a foundation for understanding science content.

>> [The Zula® Patrol Launch Pad for Learning™ Web site](#)

What's New at Carolina

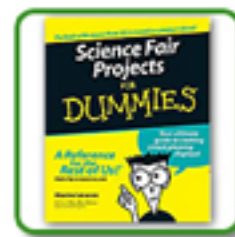


We've been busy. Last summer and fall saw us putting in overtime to bring you the all-new **carolina.com** and the 2008 edition of our flagship catalog, *Carolina™ Science*. You can see the fruits of our labor by clicking the links below.

>> [The all-new carolina.com](#)

>> [The 2008 Carolina™ Science catalog](#)

Science Fair Resources



[Science Fair Projects for Dummies®](#)

\$20.95



[Science Fair Exhibit Panels](#)

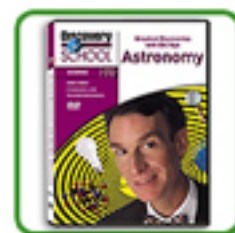
\$109.95



[Science Fair Projects Series Book Set](#)

\$94.50

Best Sellers



[Greatest Discoveries with Bill Nye: Astronomy](#)

\$74.95



[Night Sky Planisphere](#)

\$21.50



[Sunspotter](#)

\$424.50



[Earth in Space Unit Kit](#)

\$3,895.95



[Motorized Solar System](#)

\$41.95