



Bay Area Discovery Museum

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PUBLIC INFO
415/339-3900
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HOURS
Tues-Fri, 9am-4pm
Sat-Sun, 10am-5pm

ADMISSION
\$11 general admission
Under 6 months: free
Members: free

NEWS

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Hi-res Images Available at

<http://www.baykidsmuseum.org/about/press/>

NEW SCIENCE + YOU EXHIBIT

**With Support from Abbott and the Abbott Fund, the Interactive Exhibit
Showcases the Important Role of Science in Promoting Health and Wellness**

SAUSALITO, California – Bay Area Discovery Museum is proud to present *Science + You*, a groundbreaking new exhibit developed by Kohl Children's Museum and designed in conjunction with scientists at Abbott, the global health care company with a significant presence in the Bay Area. This special exhibit will be presented January 17 – April 15, 2012 and is included with general Museum admission.

Underwritten by Abbott's philanthropic foundation, the Abbott Fund, the 1,200 sq. ft. *Science + You* exhibit offers a child-sized laboratory where children can explore how scientists impact health and wellness. Through hands-on, interactive machinery, processes and technology, *Science + You* demonstrates the role science plays in keeping the body healthy. A demonstration area of the exhibit also will allow Abbott scientists to visit and perform fun and interactive scientific experiments appropriate for young children.

Science + You debuted in the Chicago area at Kohl Children's Museum. Following its presentation at the Bay Area Discovery Museum, *Science + You* will travel to museums in Washington D.C., Germany, India and Brazil, with the exhibit presented in multiple languages.

"We are thrilled to be a part of this unique and exciting exhibit that allows children to become young scientists. Using the hands-on tools, machines and processes in the exhibit will help stimulate creativity thinking," said Karyn Flynn, Interim Executive Director of the Bay Area Discovery Museum.

PRESS OPENING

Members of the press are invited to a special media opening and photography opportunity on Tuesday, January 17 from 9 – 11 a.m. Contact Jennifer Caleshu, Director of Communications, at (415) 339-3942 or jcaleshu@badm.org to RSVP.

LEARN MORE ABOUT THE EXHIBIT

Entering the Exhibit

Children will enter the exhibit as if entering a real-life laboratory. At the first station they can pretend to wash their hands and then wipe their feet on a special gel-like floor mat that changes colors to represent the dirt particles it is removing. Children can even walk through a pretend shower to be bathed in blue lights before they put on their white lab coat. Graphics will communicate how important it is for scientists to work in a clean environment.

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Antibodies

Demonstrating how antibodies act in the body, this component of the exhibit offers children the opportunity to understand a complex process through play. A clear Plexiglas structure is filled with magnetic balls, which represent “germs” in the body. Four stations outside the structure include a moveable antibody that children can use to manipulate germs. Children use the antibodies to collect the germs within the structure and move them to the “white blood cell” tube. Once the germs have been transferred into the white blood cell tube, they are dropped into a hopper. When all the germs are collected in the hopper the activity is complete and the body deemed healthy. The germs are dropped back into the center of the structure and the activity begins again. A video also demonstrates how real antibodies in the body collect germs and feed them to white blood cells.

Glove Box

Children can use a glovebox, a sealed container used by real-life scientists, with gloves built into the sides allowing one to manipulate objects safely. Demonstrating how scientists use a glovebox to contain materials as well as protect themselves, the children will wear thick gloves to measure substances using beakers, funnels and other lab equipment.

Mixing and Separating Test Lab

Exploring how scientists use machines to mix liquids and solids, this component of the exhibit demonstrates how different types of equipment function. Children can see the machines in action, and can also manually mix and separate liquids and solids themselves.

Magnification Area

This exhibit features a specialized Wentzscope and video microscopes that magnify objects on a large video screen, allowing younger children to compare and contrast an array of natural and man-made items up close.

Healthy Lifestyle

Science has shown us that we need a balanced lifestyle to stay healthy. This exhibit component emphasizes the importance of nutrition, exercise and rest with an interactive activity. The exhibit features an outline of a human body with a hollow center. Children place puzzle pieces representing various forms of nutrition, exercise and rest in different areas of the body. When a healthy balance of all the components is achieved, children hear a congratulatory message. The exhibit promotes being active in a variety of ways, from traditional exercise such as riding a bike, to common activities such as cleaning the house, doing the dishes or walking to school.

Test Kitchen

In the test kitchen children will make a ‘healthy soup’ choosing their own combination of appropriate ingredients. Teaching children the importance of a balanced diet, this exhibit has stations with soup pots that can hold up to six ingredients. Children pick the ingredients from the five food groups. The burner under their soup pot lights up when they’ve selected the correct balance of healthy ingredients.

Science Reflection

Children can share their scientific thoughts and reflections after experiencing in the exhibit. A variety of images, drawings and terminology from the exhibit is provided that children can use to create their own collage. A display wall allows children to share their collage reflection with the public. Grease pencils will also be provided for children to write down their impressions.

****About Kohl Children's Museum****

In recognition for its outstanding exhibits and impact on Chicagoland families, Kohl Children's Museum was recently named one of the country's Ten Best Children's Museums by Parents Magazine. The Museum was ranked sixth out of more than 300 children's museums nationwide and was the only Chicago area museum recognized. For more information, visit the Museum's website at www.kohlchildrensmuseum.org or call (847) 832-6600

****About Abbott and the Abbott Fund****

Abbott is a global, broad-based health care company devoted to the discovery, development, manufacturing and marketing of pharmaceuticals and medical products, including nutritionals, devices and diagnostics. The company employs nearly 90,000 people and markets its products in more than 130 countries. Abbott's news releases and other information are available on the company's website at <http://www.abbott.com>.

The Abbott Fund is a philanthropic foundation established by Abbott in 1951. The Abbott Fund's mission is to create healthier global communities by investing in creative ideas that promote science, expand access to health care and strengthen communities worldwide. For more information on the Abbott Fund, visit <http://www.abbottfund.org>.

****About the Bay Area Discovery Museum****

The Bay Area Discovery Museum is a one-of-a-kind indoor and outdoor facility at the foot of the Golden Gate Bridge, serving over 300,000 visitors per year on its 7.5 acre Sausalito campus. The Museum is recognized as the leading children's museum dedicated to developing childhood creativity, nurturing future generations of creative thinkers and innovators. With this emphasis on creativity through play, we encourage children ages 6 months to 8 years to develop into curious, creative, adventurous lifelong learners and explorers. The Bay Area Discovery Museum is a Partner of the Golden Gate National Parks.

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