New iPad/iPhone app
The Bean Life Science Museum has developed an iPad/iPhone app accessible to patrons as a free download from the Apple app store. A limited number of iPads can be checked out for $3 at the museum store. The app uses a dichotomous key allowing the user to answer questions about certain specimens in the museum and eventually determine their name. There are also other features embedded in the app that will make the museum experience more meaningful and educational.

Other Educational Opportunities
The Bean Life Science Museum offers a number of other educational programs. Teachers can recommend these to their students as instructive extracurricular activities.

Saturday Safari
During fall and winter semesters, we hold this popular program for children ages 5-12 from 10:00 a.m. to 12:00 p.m. each Saturday. Participants learn about plants and animals from all over the world. Cost is $12 for the first child and $10 for additional children from the same family.

Special Family Nights
The museum occasionally plans family events on Monday evening. In the past, these have included activities for Halloween, Earth Day, and special exhibit openings. Please check the museum website for information on upcoming events (mlbean.byu.edu).

Wildlife Adventures
During the summer, children ages 6–12 can spend their Tuesday and Thursday afternoons on a Wildlife Adventure. Tuesday sessions are held in the museum while Thursday is field trip day. Cost is $35 per student for a one-week session.

Nature Experienceships
Students ages 12 and up (including adults) can spend time with an expert learning about various topics in the life sciences at one of the museum’s monthly “Nature Experienceships.” Topics include birds, lichens, trees and shrubs, insects, wild flowers, reptiles and amphibians, fish, mollusks, and mammals. Cost is $10 per person. Nature Experienceships usually involve a local field trip.

Exhibits Tour/Audio Tour
The Bean Life Science Museum now offers guided tours for small groups (no more than 15 people). These tours must be scheduled one week in advance. Call (801) 422-5052 for details.

Visitors can also experience our new audio tour using their own cell phone or mp3 player. The museum also has ipods available for check out. Over 80 stops have been prepared for this tour. Video and audio files are also accessible on our website.

Life Science School Programs
Look what’s happening this year!

2011-2012
Monte L. Bean Life Science Museum
Brigham Young University • Provo, Utah
mlbean.byu.edu    (801) 422-5052
Request Your Live Animal Show Online

Request a live animal show for your class on our website. Visit mlbean.byu.edu and fill out the request form as completely as possible. You will need to be prepared to give us three possible dates and times for your show. You will receive a confirmation email within 2 working days. For questions, you can also call (801) 422-5052 or email bean_scheduling@byu.edu.

Scheduling - mlbean.byu.edu

Live animals shows at the museum (inhouse) must be scheduled at least one week in advance. Groups can choose from seven different shows described in the Live Animal Shows section of this brochure.

Outreach

Outreach shows, where we bring a live animal show to your location, must be scheduled at least two weeks in advance. We cannot do outreachs to one location per day. If multiple shows are scheduled, groups will need to pay for any time in between shows. The cost for an outreach show is $35 for locations within Utah County and $35 for those outside the county. Additional shows scheduled for the same day are $15 each.

Dates and Times

The Bean Life Science Museum is open from 10:00 a.m. to 9:00 p.m. Monday through Friday and from 10:00 a.m. to 5:00 p.m. on Saturday. Shows may not be scheduled on Thursdays at 11:00 a.m. During holidays please check the museum website for adjusted hours (mlbean.byu.edu).

Due to staffing issues, outreach shows will not be scheduled during the university's final exam week. For the 2011–2012 school year, final exams are scheduled for the weeks of December 9-16 and April 12-20.

mlbean.byu.edu (801) 422-5052

Additional Information

Shows scheduled at the museum are free. Teachers are asked to fill out a feedback form after each show. All shows start at fifteen minutes after the hour and typically last 30-45 minutes. It is important that your group shows up on time. For shows held at the museum, there is a limit of 200 students per group.

Parking is available for school buses in the Marriott Center parking lot (north of the museum). Before parking, buses may drop off students in the pull out on the south side of the museum.

When you arrive at the museum, check in with the museum store employee and they will notify the museum educator assigned to your show. The store employee will also direct you to your show location.

Food is not permitted inside the museum—the museum's collections are extremely vulnerable to certain kinds of pests. These pests thrive on small pieces of food; therefore, in order to protect our collections we ask that our patrons do not bring any food into the museum. Groups can eat their lunch on the lawn east of the museum if weather permits.

Website Resources - mlbean.byu.edu

We have many resources available for teachers on our website. You can find information about each live animal show, including details about the animals and educators. There are also downloadable activities designed to supplement each live animal show. These can be used in your classroom either before or after your museum experience. Our scavenger hunts can also be downloaded and copied for students to have in hand when they get to the museum. You can also access our audio tour from our website and we have a number of YouTube videos created in conjunction with our new “Into Africa” exhibit that are informative and fun.

Live Animal Shows

Our live animal shows and associated classroom activities are designed to meet Utah Core Curriculum requirements for students from kindergarten to fifth grade. Classroom activities are intended for classroom use by teachers before or after their visit to the museum. These activities are available for download from the museum’s website (mlbean.byu.edu). Students of other age groups are always welcome to attend any of the shows listed below; simply specify the age of your students when you schedule a show and the museum staff will adapt the show to your age group.

Kindergarten-Animal Babies

Utah Core Curriculum: Standard 5, Objective 2

This show teaches students about the differences between adult and baby animals. The live animals used in this show include a snake, lizard, and invertebrate (tarantula or hissing cockroach).

First Grade-Plants & Plant Growth

Utah Core Curriculum: Standard 3, Objective 1

Through the use of photographs, shells from the museum’s extensive teaching collection, and live arthropods (tarantula and hissing cockroach), students will learn about invertebrates—specifically mollusks, echinoderms and arthropods—and how they help our environment. Students will also learn about the life cycle of butterflies and how these insects change through metamorphosis.

Second Grade-Invertebrates

Utah Core Curriculum: Standard 2

Through the use of photographs, shells from the museum’s extensive teaching collection, and live arthropods (tarantula, and hissing cockroach), students will learn about invertebrates—specifically mollusks, echinoderms and arthropods—and how they help our environment. Students will also learn about the life cycle of butterflies and how these insects change through metamorphosis.

Fourth Grade-Plants and Animals of Utah

Utah Core Curriculum: Standard 3

In the fourth grade show, students learn about plants and animals in three major Utah ecosystems—forests, deserts, and wetlands—and how these plants and animals are adapted to their specific environments. The live animals used in this show are native to Utah (snake, lizard or tortoise and a tarantula).

Fifth Grade-Animal Adaptations

Utah Core Curriculum: Standard 5, Objective 2

In this show, students learn about adaptations that help animals survive. Students will see specific examples of adaptations by examining live (frog, snake, and lizard or turtle) and prepared animal specimens (e.g. mounts, teeth, or fur).

Bio-Boxes

Because of short class periods, science classes in grades 6–12 may not be able to visit the museum. With that in mind, the education staff has developed the “Bio-box” concept. Currently we have an adaptations “Bio-box” and an ecosystems “Bio-box” available for checkout. The “Bio-boxes” allow us to bring the museum’s unique and valuable resources to those students unable to come to the museum.

Each “Bio-box” contains mounted specimens from the museum’s education collection as well as “biofacts.” Biofacts are biological artifacts, such as animal skins, feathers, eggs, antlers, bones, fruits, seeds, etc. Where applicable, the “Bio-boxes” also include additional resources, such as field guides or DVDs. The final item in each box is a teacher’s guide, which gives teachers an overview of the subject, a description of the “Bio-box’s” connection to specific core curriculum concepts, and ideas as to how the contents of the “Bio-box” can be incorporated into lesson plans. The materials in each “Bio-box” can be used in a number of ways, whether as the topic of a single lesson or as supplemental material for an entire unit.

“Bio-Box” Checkout Procedures

• You can check out a “Bio-box” by emailing Katy Knight at katy_knight@byu.edu.
• Bio-boxes may be kept up to two weeks.
• Use of a Bio-box is free, but there is a $2.50 refundable security deposit. For each day the box is late, a $0.50 late fee will be assessed; if any items from the box are damaged or missing, all or some portion of the deposit may be forfeited.

Note: Classes in grades 6–12 unable to make field trips to the museum may also want to consider an outreach show. See the “Visiting the Museum” section for details.