



Monte L. Bean Life Science Museum Scout Patch

The Monte L. Bean Life Science Museum supports the ideals and principles of both the Girls Scouts and Boy Scouts of America. We feel it is essential that people of all ages become aware of the living world around them and how it is important to them on a personal level. The museum is dedicated to educating people about the significance of our living world.

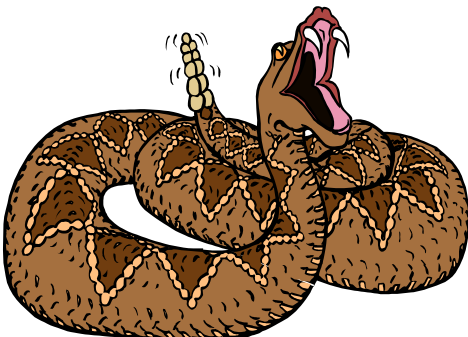
The Museum patch was designed to motivate scouts to gain a greater appreciation and knowledge of the life sciences. By completing the requirements for this patch, scouts can expand their minds, search their interests and gain a better understanding of the living world. As scouts experience the world around them, they will gain a greater appreciation for all forms of life, and they will make new and interesting discoveries about our living world.

Museum Hours

Monday - Friday
10:00 a.m. - 9:00 p.m.
Saturday
10:00 a.m. - 5:00 p.m.
Admission is free.

Contact Information

Monte L. Bean Life Science Museum
Brigham Young University
2103 MLBM
P.O. Box 20200
Provo, UT 84602-0200
(801) 422-5050



Live animal shows are offered to the public every evening at 7:30 PM, Mondays at 6:30 and 7:30 PM, and Saturdays at 1:00 and 3:00 PM. Shows for private groups can be requested on our website at mlbean.byu.edu

Location

The Monte L. Bean Museum is located on the campus of Brigham Young University. It is directly north of the Bell Tower and east of the Marriott Center on 1430 North.

Enjoy your visit to the Museum! In Search of Life

Take a personal “safari” around the museum and learn about our relationship with living things. Use what you learn to answer this worksheet. You should be able to find all the answers in the museum. If you need assistance, please ask for help at the information desk or visit with a museum educator.

General Questions

1. The study of Life Science is known as _____.
2. In what ways does the museum provide an opportunity to study about the living world?
3. The museum allows us to learn about animals and plants from different parts of the world. Name three kinds of animals and/or plants for each of the following regions:

The Ocean –

Africa –

The Arctic –

4. Briefly describe the exhibit found in the east center atrium (as you enter on the east side of the museum)?

Why Insects?

5. Name three ways insects are beneficial to humans.
 - a.
 - b.
 - c.

Because of Plants ...

6. Name four ways that humans use plants.
 - a.
 - b.
 - c.
 - d.
7. Give three examples of how you use plants every day.
 - a.
 - b.
 - c.

Connections

8. List and define three terms from the "Connections" wall. Provide examples of each term.
- a.
 - b.
 - c.

Animal Adaptations

9. Adaptations are characteristics that help animals and plants survive changing conditions. One example is thick fur that helps animals survive cold winter weather. Can you think of four other examples of animal or plant adaptations?
- a.
 - b.
 - c.
 - d.
10. How would the adaptations you listed above help the animals/plants survive?
- a.
 - b.
 - c.
 - d.

Animal Classes

11. Vertebrates are animals with a backbone. Insects and mollusks are examples of **invertebrates** (no back bone). Name the five classes of Utah vertebrates. You can find this answer in the basement of the museum (west side by the elevator).
- a.
 - b.
 - c.
 - d.
 - e.
12. The animal group that is the most abundant on earth is not a vertebrate.
- a. Can you guess what it is?
 - b. Why do you think they are the most abundant?
13. Which animal has a beak, lays eggs, can live in water or on land, has part of its skeleton on the outside of its body, can live up to 100 years, has scales, and can range in size from a few inches to eight feet in length?
- a. Which animal are we referring to?
 - b. Which group of animals does it belong to?

Conservation

14. Name four reasons for animals becoming endangered.

- a.
- b.
- c.
- d.

15. One reason plants and animals are endangered is because their habitats are shrinking. Name one thing that would cause habitats to shrink?

16. List three plants or animals that are threatened or endangered, and why.

- a.
- b.
- c.

17. What are some things that you could do to help protect these plants or animals and their habitats?

18. Name three animals that are extinct and why.

- a.
- b.
- c.

Mind Expansion

19. Name one thing you learned from your visit to the museum today.

20. What are some things you can learn from studying the life sciences?

Name _____ Completion Date _____

Unit # _____ Leader _____

Sponsor (e.g. school, church group) _____

Museum employee signature: _____

Scout Patch Requirements

To earn the museum scout patch, visit the museum a minimum of two times, fill out the worksheet, watch the stewardship video, and attend an in-house show.

Requirements:

1. First Museum visit: _____
Date

2. Second Museum visit: _____
Date

3. Stewardship video (26 minutes): _____
(Can also be accessed on the
museum's website mlbean.byu.edu) Date

4. Worksheet: _____
Date completed

5. Live Animal show: _____
Date

a. Educator _____

b. Show _____

Get a stamp at the information desk after the completion of each requirement.