

**Call 785-864-4173  
to book a program**

Must book at least  
3 weeks in advance

# K-12 School Programs

The museum offers a range of science education programs for school groups. Gallery activities use select exhibits to investigate a particular topic; School workshops are hands-on experiences that take place in our classroom.

Find details for planning your visit, including bus parking and scholarship opportunities, online at [biodiversity.ku.edu/education/school-programs](http://biodiversity.ku.edu/education/school-programs).

To schedule a self-guided museum visit without programs, contact Visitor Services at 785-864-4450. Suggested contribution: \$4 per student/child | \$7 per adult.

## Gallery Activities

Cost: \$110 per group  
Duration: 45 minutes  
Group Size: 25 person maximum; students and teachers

### Dinosaur Discovery

Everyone knows what a dinosaur is - or do they? How do you tell a dinosaur from other extinct and living groups of animals? Using our fossil gallery, students will discover important features of this most famous group and put their skills to the test.

NGSS DCI: LS1.A, LS4.A, LS4.D

### Walking with Dinosaurs

Students investigate dinosaur footprints - what they can tell us and why - and learn how to calculate the speed of dinosaurs.

NGSS DCI: LS1.A

Common Core Math: NBT, MD, EE, SMP

### Kansas Seas

Kansas was once covered with vast oceans. Discover how we know this, and learn about some of the creatures that lived in these seas.

NGSS DCI: LS4.A, ESS1.C, ESS2.A, ESS2.B

## School Workshops

Duration: 45 minutes  
Cost: \$8 per student  
Group Size: 15 student min and 30 max; teachers free

### Fossil Fun

This workshop is designed for younger students and provides an introduction to geological time and fossils. Hands-on activities include digging for and identifying fossils, and developing dinosaurs complete with scientific names.

NGSS DCI: LS1.A, LS4.A, LS4.D, ESS1.C

Common Core Language Arts: L

K	1	2	3	4	5	6	7	8	HS
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	●	●	●	●					

## School Workshops, Continued

### Rock Clocks

This workshop provides an introduction to geological time with activities that investigate relative and absolute dating.  
 NGSS DCI: LS4.A, ESS1.C, ESS2.B, PS1.A, PS1.C  
 Common Core Math: MD, SP, SMP

### Hands-On Geology

How can you tell mica from magnetite or granite from gneiss? Students learn identification techniques in this introduction to minerals, rocks, and their formation.  
 NGSS DCI: ESS1.C, ESS2.A

### Explore Animals

Explore the things that make animals the same and different in an investigation of museum specimens and story time using focused observation and listening skills.  
 NGSS SEP: Analyzing and Interpreting Data NGSS CC: Patterns  
 Common Core Language Arts: RL

### Hands-On Mammals

Explore the characteristics of mammals and their adaptations through a series of demonstrations and activities.  
 NGSS DCI: LS1.A, LS3.B, LS4.A, LS4.D

### DNA Discovery

This workshop introduces DNA - what it is and how it works. Activities include DNA extraction and making DNA models.  
 NGSS DCI: LS1.A, LS1.B, LS3.A, LS3.B, LS4.A

### Matter Matters

Students investigate the properties and classification of matter. Topics include the particulate nature of matter, state changes and temperature.  
 NGSS DCI: PS1.A, PS3.A

### Cartoon Guide to Energy

What can falling anvils and exploding TNT tell us about how energy works in the cartoon and real worlds? Using classic cartoon scenarios, students explore how fundamental forces and properties of matter build a framework for thinking about energy across its different contexts.  
 NGSS DCI: PS1.A, PS1.B, PS2.B, PS3.A, PS3.B, PS3.C, PS3.D

### How Small is Small?

Discover what the smallest things in the universe are, and just how small that is! Explore the concept of scale through giant insects, viruses, and chickens.  
 NGSS DCI: PS1.A, PS2.B  
 Common Core Math: NBT, MD, SMP

### Quarks: Ups, Downs and the Universe

Discover what the world is made of. Investigate atoms and the particles they are made of by exploring their properties and how they combine to make everything else.  
 NGSS DCI: LS4.A, ESS1.C, ESS2.A, ESS2.B  
 Common Core Math: NBT, NF, SMP

	K	1	2	3	4	5	6	7	8	HS
Rock Clocks					●	●	●	●	●	●
Hands-On Geology			●	●	●	●	●	●	●	
Explore Animals	●									
Hands-On Mammals			●	●	●	●	●	●	●	
DNA Discovery				●	●	●	●	●	●	●
Matter Matters			●	●	●	●	●			
Cartoon Guide to Energy					●	●	●	●	●	●
How Small is Small?			●	●	●	●				
Quarks: Ups, Downs and the Universe					●	●	●	●	●	●