

Media Specialist and Teachers,

Here is a list of the kits available for check out at NUES and listed below is information on what each kit contains.

Titles	Call Numbers
<u>Rocks and Mineral Field Kit</u>	<u>K0001A</u>
<u>Rocks and Mineral Field Kit</u>	<u>K0001B</u>
<u>Moon and Season Phases Activity Kit</u>	<u>K0002A</u>
<u>Moon and Season Phases Activity Kit</u>	<u>K0002B</u>
<u>Digging Dinosaurs Discovering Utah Fossils Kit</u>	<u>K0003</u>
<u>Digging Dinosaurs Discovering Utah Fossils Kit</u>	<u>K0004</u>
<u>Digging Dinosaurs Discovering Utah Fossils Kit</u>	<u>K0009</u>
<u>Utah Unique Environment-Classification Kit</u>	<u>K0008</u>
<u>Digital Camera Kit #1</u>	<u>EQ1000</u>
<u>Digital Camera Kit #2</u>	<u>EQ1001</u>
<u>Box of Bones Kit</u>	<u>K0011</u>
<u>Box of Insects Kit</u>	<u>K0012</u>
<u>Ethnobotany People and Plants Kit</u>	<u>K0013*</u> <i>NEW</i>

When you are searching for these kits in Alexandria, you can enter in the title or use the call number. When using the Call Number in your search you must click on the "Call Number" box to find the kit. I hope this will help you in your classes. If you need your login information your school Media Specialist should have your login information. If you are having any problems reserving these kits, please email or call me. I will be happy to help you.

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Dawn Roberts
Media Specialist
NUES

Digging Dinosaurs: Discovering Utah's Fossils Kit

Natural History Museum of Utah

Books, DVD, Lesson Plans (with background, directions and activity sheets), complete equipment including Ceratops Skull, other Dinosaur bones, Fact cards, Petrified wood, Fossil seashell, and a Dinosaur egg

Rocks and Minerals Field Kit

The Utah Museum of Natural History has created "Field Crates" filled with museum specimens for exhibition and use in elementary schools throughout the state. These crates are set up in school media centers for use by the entire student body. Field Crates are accompanied by Teacher Toolboxes that contain specimens to be used in classroom activities.

The Rocks and Minerals Field Crate contains rock and mineral specimens that can be handled and touched by teachers and students.

The Curriculum Correlation is as follows:

Kindergarten - Standard III Objectives 3 a,c

1st Grade - Standard III Objective 3c

2nd Grade - Standard Objective 3 a, b, c

3rd Grade - Standard V Objectives 3 a

4th Grade - Standard III Objectives 1 a, b, c, d; 2 a, b - Standard V Objective 3a - Social Studies Standard VI Objective 4

5th Grade - Standard II Objective 1 a - Standard IV Objectives 2 c, d, e

6th Grade - Math Standard III Objective 1d

Seasons & Moon Phases Activity Kit: Box 1 & 2

Clark Planetarium

This hands-on activity will challenge students' common misconceptions by using observation, data collection, analysis and comparison to allow the students to discover the real reason behind the seasons. Students will work together in small scientific groups to research and collect data and convene with the greater scientific community (classroom) to share data and draw conclusions. Students will 1) measure the amount of direct sunlight at specific locations on the globes; 2) estimate the highest point reached by the Sun and also 3) estimate the number of hours of daylight various parts of the Earth receive at different times of the year.

Utah's Unique Environments - Classification Kit

Student will obtain an understanding of what characteristics make up different environments in Utah. They will learn the importance of each of these environments and the amazing animals and plants that live in these habitats. Students will observe their own environment up close, learn how to ask questions, and employ scientific studies to help answer their questions. By using several inquiry-based and role playing activities, students will refine their science process and thinking skills. Classroom sets of material will be helpful in transforming the classroom into a young naturalist's headquarters.

The unit on Utah's Unique Environments created by The Living Planet Aquarium is intended to be a complete unit teaching all four objectives of Standard V in the fourth grade science core. Additional lessons and activities can be inserted if desired. Most lessons will build off student's knowledge and thus, lend themselves to a certain order.

Insects Teaching Toolbox Kit

The Utah Museum of Natural History has created Teaching Toolboxes designed to help teachers or group leaders introduce, teach, and reinforce science topics. Each toolbox is filled with museum specimens, activities, and content information to help excite students about natural history.

This Teacher Toolbox contains ancient ecosystem specimens that can be handled and touched by teachers and students.

The Curriculum Correlation is as follows:

Kindergarten - Standard I Objective 3a; Standard II Objective 3a; Standard III Objective 1d, 2d.

1st Grade - Standard II Objective 3a

2nd Grade - Standard II Objective 3a; Standard III Objective 1b

3rd Grade - Social Studies Standard III Objective 3a

4th Grade - Standard V Objectives 3a, b, 4e; Standard V Objective 2a, b, 4e

5th Grade - Standard V Objective 1c; Standard V Objective 2a, b, c, d

6th Grade - Standard V Objective 1b

Box of Bones Kit

The Teacher Toolbox from the Natural History Museum of Utah is intended as a supplement to your existing curriculum. Materials included in the binder are not meant to be comprehensive or give specific lesson plans, but to provide ideas and enrichment activities.

Specimens:

1. Pond Turtle shell
2. Snapping Turtle skull
3. Black Bear skull
4. Beaver skull
5. Coyote skull
6. Fox skull

7. American White Pelican skull
8. Domestic Duck skull
9. Red-Tailed Hawk skull
10. Frog skull
11. Snake skeleton
12. Fish skeleton

***Ethnobotany: People and Plants Kit**

NEW

Red Butte Garden

This bin is entitled “Ethnobotany: People and Plants,” a study of how people interact with plants in their environment. Lesson plans for this module are written to align with fourth grade science core, but can also be modified for other grade level science core and intended learning outcomes. Lessons are interdisciplinary and include classification, Utah biomes, Utah native plants and their use by native people and pioneers, and plant adaptations. Teachers can efficiently cover a number of other content areas in addition to science - math, language arts, social studies, fine arts – as the bins contain appealing materials and fun, hands-on activities.

4th Grade Science Core Curriculum, integrating Social Studies Core Curriculum.

Science Core Intended Learning Outcomes: Lessons can be adjusted to meet these outcomes for Kindergarten through sixth grade.