CLASSIFICATION

BY DELORES BOUFFARD

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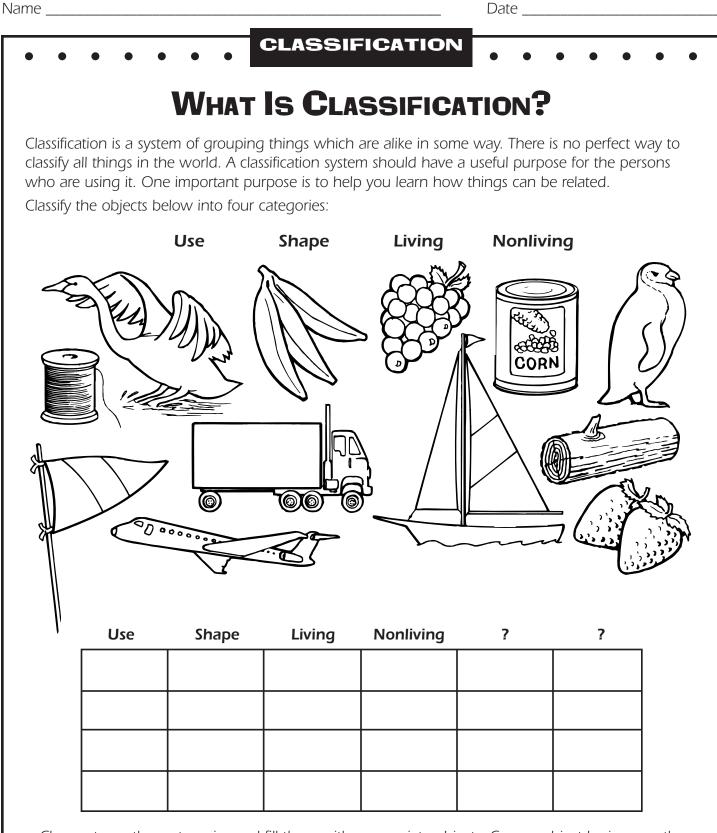
Activities will help students explore the concept of classification—the arranging of things by like elements. The basis is a simple taxonomy. Some scientific names are briefly introduced and explained. General background information, suggested activities, questions for discussion, and answers are included. Encourage students to keep completed pages in a folder or notebook for further reference and review.

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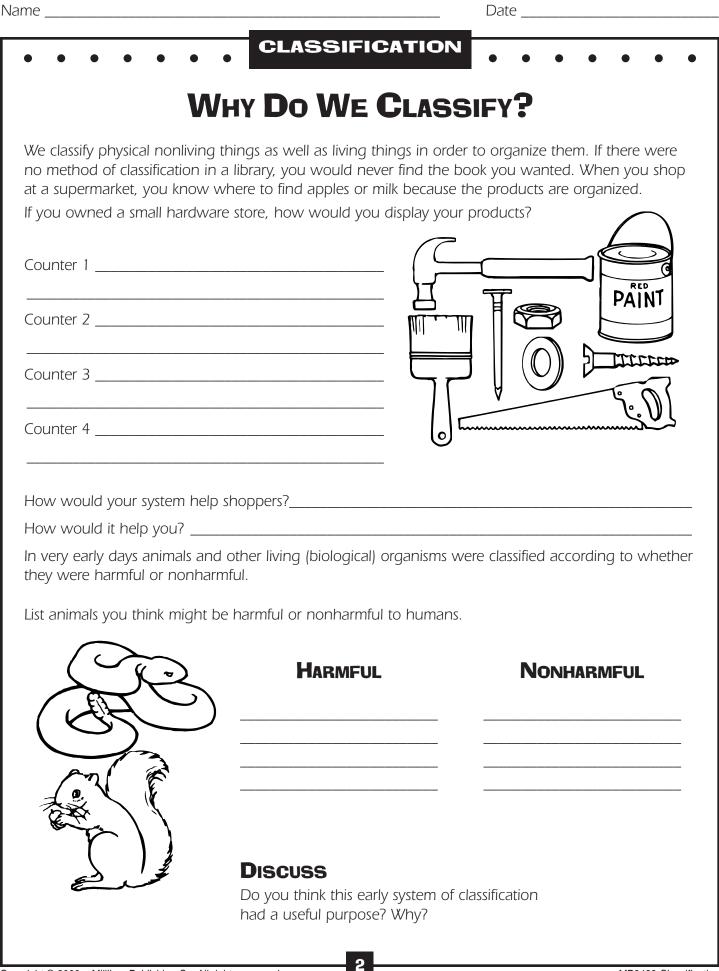
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Choose two other categories and fill them with appropriate objects. Can an object be in more than one category? Put a star by those which are.

Discuss

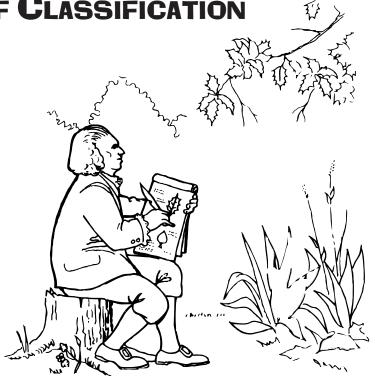
Is there only one correct way to put objects into categories?



HISTORY OF CLASSIFICATION

CLASSIFICATION

A very simple early classification system was used by the Greek scholar, Aristotle. He grouped animals into two-legged and four-legged classes. Later, other scholars and scientists studied animals and plants. They recorded more detailed facts. But it was not until the 1700s that our modern system of classification was created by a Swedish botanist and doctor. Carolus Linnaeus. His aim was to name and describe all plants and animals in the world. Although the Linnaean System is still used by scientists all over the world, it has been expanded to include new and different living things as they are discovered. It will continue to grow as human knowledge grows.

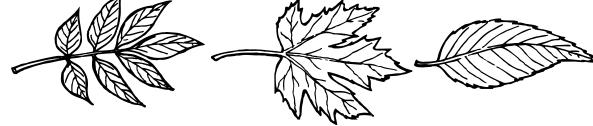


Date

Research and write a short biography of Linnaeus.

Αстіνіту

Linnaeus copied his careful studies of each plant into a notebook. Bring three leaves from different trees or plants. Carefully study the shapes, stems, veins, colors and texture. Describe each leaf on a separate sheet of paper as Linnaeus did. When the leaves are dry, you can make a skeleton by placing one between two sheets of paper and pressing the top. You will then be able to study the veins. Compare your three studies for similarities and differences.



ACTIVITY

Collect five leaves from different trees or plants. Sort them into such classes as: smooth, serrated, lobed, compound, needles, color, etc. List ways they are alike and different.