

# Junk Box Collection

## Summary

Students in small groups or individually will practice creating classification trees and keys using small prepared collects of "found" objects.

## Time Frame

1 class periods of 60 minutes each

## Group Size

Small Groups

## Materials

sets of collections of 10 objects in small containers, such as 10 refrigerator magnets, 10 metal cars, 10 things from a junk drawer, 10 nails and screws, etc.  
paper

## Student Prior Knowledge

Classification techniques to create a classification tree and key

## Instructional Procedures

## Assessment Plan

### Scoring guide

:

Check each student's tree to make sure each branch ends with one item, there are no loose branches that do not attach to the rest of the tree, and that there are ten complete branches. Give full credit if the tree is generally correct.

Take off 25% for major problems in the way the tree is constructed. Check the key to make sure that the two choices for each number are related (choice/not choice, or choice/opposite choice, as required), there are a total of nine choice sets, and for each row, there is a number, letter, choice, and consequence.

Take off 25% for major problems in the way the key is constructed.

## Bibliography

Lesson Design by Jordan School District Teachers and Staff.

## Authors

[Utah LessonPlans](#)