

Name:

Date:

Period:

Evolution: Introductory Activity

Introduction

In this activity you will work with your group to hypothesize how a number of objects may have "evolved". Base your hypothesized phylogeny on the structure and function of the objects. Also consider that changes occur in increments (steps).

Phylogeny - the evolutionary development and diversification of a species or group of organisms.

Materials

- 12 items - tacks (metal heads), tacks (plastic), nails (without heads), nails (with heads), screws (slot), screws (phillips), different size paper clips, etc.
- Clear plastic sheet (to place on an overhead projector)

Procedure

Each group will hypothesize how the objects may have "evolved" from each other by organizing objects on their plastic sheet(s).

- Each group will report to class & display their phylogeny on the overhead projector.
- Be prepared to get 3 more objects from your teacher to place in your phylogeny during your presentation

