

AIM: What is classifying?

VOCABULARY:

Objectives:

1. You will be able to

2. You will be able to

WHY DO SCIENTIST CLASSIFY

1.

2.

Classification: definition

1. organization into _____

**2. Categorization of a population by _____ which
the population _____ or _____ have.**

3. Make sure characteristics _____

Two Group System

Three Group System

**3 groups &
2 Levels**

**2 groups
2 Levels**

AIM; WHAT IS A DICHOTOMOUS KEY

VOCABULARY:

Classification

Dichotomous Key

Objectives:

1. *You will be able to explain why*

2. *You will be able to demonstrate your understanding WITH*

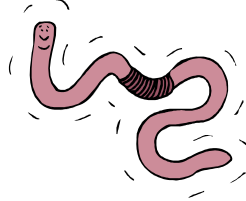
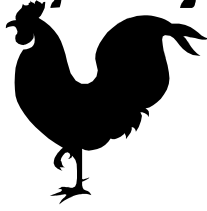
Why do scientists classify things? _____

DEFINION: Is a system used by scientists to CLASSIFY

1. Divides a larger _____

2. Typically, it may separate objects into groups





Empty grid box for labeling.

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TIPS:

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Name _____

Animal Grouping Worksheet

Part A

In the exercises that follow, arrange the items listed into different groups. Give each group a title indicating what the members of that group have in common.

- 1) German Shepherd, Great Dane, parrot, Irish setter, canary, husky, robin, pigeon

Title _____	Title _____
_____	_____
_____	_____
_____	_____
_____	_____

- 2) apples, peas, orange, banana, carrot, lettuce, turnip, pear, grape, potato

Title _____	Title _____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

- 3) steak, football, sausage, chair, table, bacon, sofa, baseball bat, cleats, ham, bookcase

Title _____	Title _____	Title _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name _____

Part B Study the following list of living things:

mare, trout, parrot, quarterhorse, woodpecker, spaniel, goldfish, Great Dane,
eagle, bass, beagle, hawk, stallion, Dalmatian, shark

Classify them into two groups.

Group 1 _____ Group 2 _____

1) Using the same list of living things show how they could be classified into three groups.

Group 1 _____ Group 2 _____ Group 3 _____

2) Using the same list, show how they could be classified into four groups.

Group 1 _____

Group 2 _____

Group 3 _____

Group 4 _____

