

Name _____

Create Your System Answer Key

Answers will vary because students create their own categories. Below is one consistent sample set that demonstrates logical classification.

Category 1: Living Things and Their Behaviors

Why: Each fact describes actions, features, or processes of living organisms.

Items: 1, 3, 10, 12, 14

Category 2: Science and Technology Innovations

Why: Each fact describes inventions, tools, or machines created by humans.

Items: 2, 6, 13, 15

Category 3: Earth and Space Systems

Why: Each fact relates to natural forces, landforms, or celestial bodies.

Items: 7, 9, 11

Category 4: Human Roles and Body Systems

Why: Each fact focuses on human occupations or anatomy.

Items: 4, 5

Category 5: Arts and Music

Why: The fact involves a musical instrument and how it works.

Items: 8

All logical category systems are acceptable if clearly justified.

Teacher's Guide

- **Purpose:**
 - Develops higher-level expository skills by having students design classification systems rather than follow predetermined ones.
 - Encourages analytical reasoning, organization, and justification.
- **Differentiation Tips:**
 - Provide guiding questions for students who need support, such as "Is this fact about nature or humans?" or "Does this describe a tool or a process?"
 - Allow students to begin by grouping facts visually with cut-out strips before writing categories.
 - Challenge advanced learners to create categories with more specific criteria or to form subcategories.