

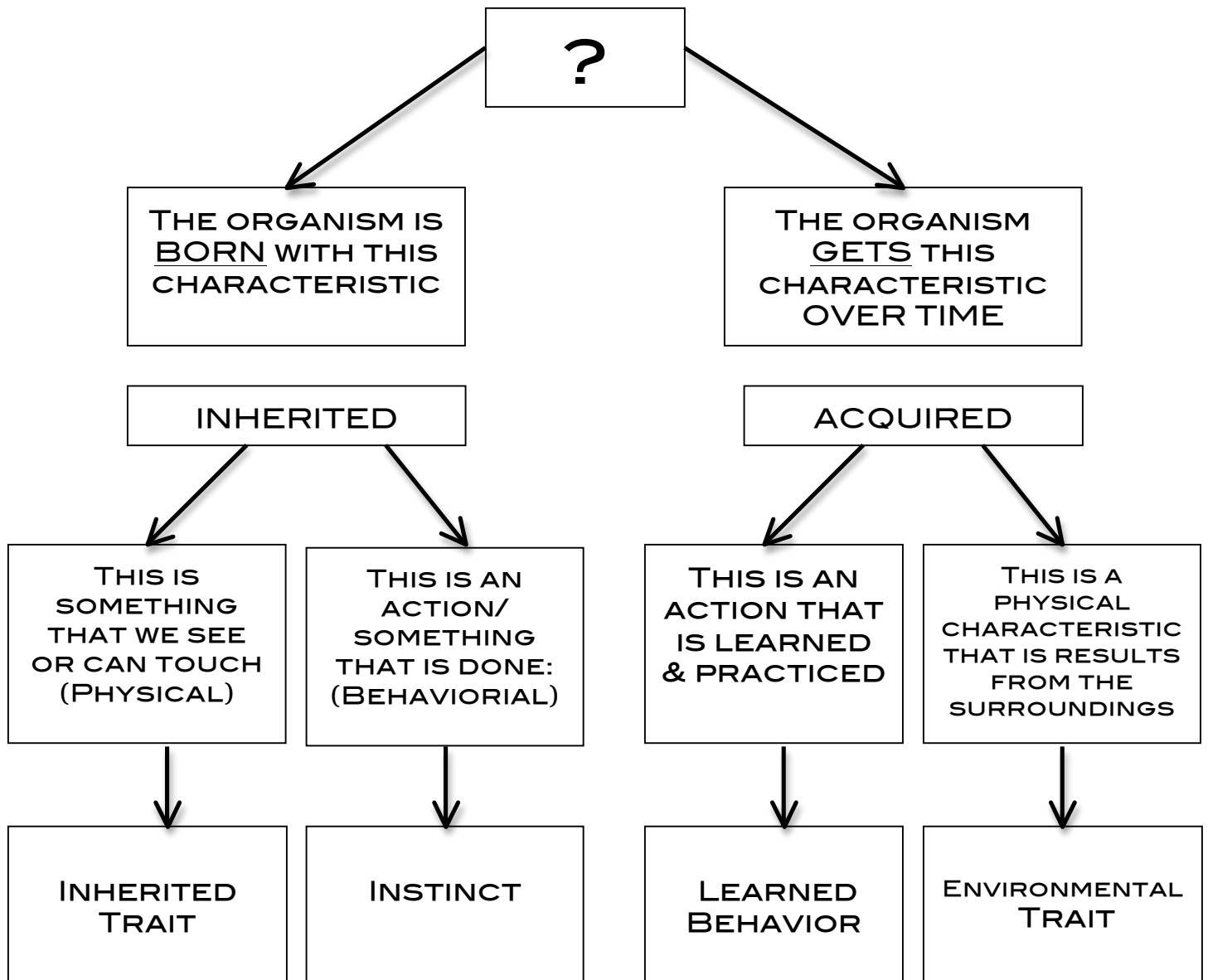
# Heredity

#	TERM	DEFINITION
1	TRAIT	<b>A quality or characteristic of a living thing.</b>
2	INHERITED TRAIT	<b>Traits passed from parents to offspring before the offspring are born.</b>
3	HEREDITY	<b>The process of passing traits from parent to offspring.</b>
4	GENE	<b>A tiny piece of material in the nucleus of a cell that controls how a certain trait develops. Offspring inherit half of these from parents – humans get half from his/her mother and half from his/her father.</b>
5	ACQUIRED TRAIT	<b>A characteristic an organism picks up during its lifetime.</b>
6	LEARNED TRAIT (LEARNED BEHAVIOR)	<b>A skill gained by learning.</b>
7	ENVIRONMENTAL TRAIT	<b>A characteristic caused by an organism's surroundings</b>

## EXAMPLES OF EACH CHARACTERISTIC

INHERITED TRAIT		ACQUIRED TRAIT	
PHYSICAL TRAIT	BEHAVIORAL TRAIT	LEARNED TRAIT	ENVIRONMENTAL TRAIT
Eye Color Earlobes Thumbs Hair Color Height	Ability to laugh Ability to cry Being able to eat Birds migrating	Riding a bike Walking Talking/Language/ Accent Playing an instrument	Scar from a wound Mice being fatter because it was raised in a cage

## Follow the Flow Chart



### IDENTIFY THE CORRECT TYPE OF TRAIT

Use the flow chart above to identify each trait below as one of the following:

INHERITED TRAIT ■ INSTINCT ■ LEARNED BEHAVIOR ■ ENVIRONMENTAL TRAIT

Inherited Trait 1. Brown eyes

Learned Behavior 2. Speaking English

Environmental Trait 3. A scar on the arm

Instinct 4. Being athletic like your mom

Inherited Trait 5. Being tall

Instinct 6. A baby crying

Learned Behavior 7. Playing a trumpet

Learned Behavior 8. Driving a car

Environmental Trait 9. A lizard lost a tail

Learned Behavior 10. Learning to swim