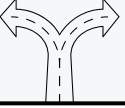


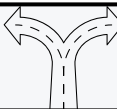
Traits and Learned Behaviors Menu

Directions: Take a look at the different ways you can explore **inherited traits, acquired traits, and learned behaviors** on the choice board. Choose the **ONE** activity that you think will best help you show what you've learned and that you will enjoy working on!

Ask and Investigate 	Model It! 	Be a Data Detective 
Come up with a question about inherited traits, acquired traits, or learned behaviors. Plan a simple way to explore your question.	Create a short skit/role-play that compares either: (a) an instinct and a learned behavior, OR (b) an inherited trait and an acquired trait.	Observe and record examples of traits and behaviors in your family or pets. Classify them as inherited, acquired, or learned. Share your findings.
Math Connections! 	Explain It! 	Solve a Problem! 
Find a way that numbers or math can help you show something about inherited traits, acquired traits, or learned behaviors. Describe your connection.	Explain in your own words the difference between inherited traits, acquired traits, and learned behaviors. Give examples of each.	Think about a situation involving inherited traits, acquired traits, or learned behaviors and propose a way to understand or address a challenge within that situation.
Tell a Story! 	Create a Visual! 	Be the Teacher! 
Write a short story about a character who has a mix of inherited traits, acquired traits, and learned behaviors that influence their life.	Create a visual that clearly distinguishes between inherited traits, acquired traits, and learned behaviors, with examples.	Explain to someone the difference between a trait you were born with and something you learned to do.

Nature vs. Nurture: Trait & Behavior Ideas!

Explore what you're born with, what you learn, and how you develop with these starting points. Remember, you can always come up with your own amazing projects too!

Ask and Investigate 	Model It! 	Be a Data Detective 
1. Do all the people in your family have the same eye color? 2. Can you teach a pet a new trick that goes against its instincts?	1. Act out a baby bird instinctively opening its mouth to be fed, and then act out a child learning to use a fork. 2. Use gestures or simple actions to show a person's natural hair color (inherited) versus a hairstyle they learned to create (acquired).	1. Make a list of traits you have. Which do you think you inherited? 2. Observe a pet and list its behaviors. Which seem like instincts?
Math Connections! 	Explain It! 	Solve a Problem! 
1. If one parent has a trait and the other doesn't, what fraction shows your chance of having it? 2. Are your earlobes attached or loose? How many in your family have each? What does this show about inherited traits?	1. What's one thing you were born knowing how to do? What's one thing you had to learn? 2. How is your height different from your ability to read?	1. How can understanding animal instincts help us train them? 2. What are some ways people can overcome unwanted learned behaviors?
Tell a Story! 	Create a Visual! 	Be the Teacher! 
1. Write about a puppy who has inherited floppy ears but learns to fetch a ball. 2. Tell a story about a seed that has inherited the ability to grow tall but needs sunlight to do so.	1. Draw a picture showing a trait you inherited from a family member and a skill you learned. 2. Make a chart with three columns: Inherited Traits, Acquired Traits, Learned Behaviors. Fill in examples.	1. Explain to a younger sibling the difference between having blue eyes like your mom and learning to ride a scooter. 2. Show someone an example of an instinct in an animal (like a spider building a web).