

Directions for obtaining your animal's inherited traits.

You will flip a coin TWICE for each trait. Heads = capital letter genotype. Tails = lower case letter genotype. There are three possible outcomes for each traits. Flip two heads and your genotype will be two capital letters. Flip two tails and your genotype will be two lower case letters. Flip a heads and a tails and your genotype will be one capital letter and one lower case letter. Normally, if you have two capital letters or one capital and one lower case letter, then the phenotype is dominant. If you have two lower case letters then the phenotype will be recessive. However, with this experiment, if you get one capital letter and one lower case letter, your phenotype will be a dominant/recessive hybrid.

Your group will be flipping for:

1. Body covering: CC- feathers Cc- fur cc- scales
2. Backbones: BB- vertebrate Bb- vertebrate bb- invertebrate
3. Number of limbs: LL- 4 Ll- 2 ll- 8
4. Wings: WW- wings Ww- wings ww- no wings
5. Eye colors: EE- colored eyes Ee- one black and one colored ee- black eyes
6. Offspring: OO- live birth Oo- live birth oo- lay eggs
7. Teeth shape: TT- pointed Tt- round tt- squared
8. Body Color: HH- multi colored Hh- two colors hh- one color
9. Diet: DD: carnivore Dd- omnivore dd- herbivore
10. Free choice: Come up with 3 fun adaptations for your animal. Decide what will be dominate, recessive, and hybrid. Flip for your final trait.

Price List

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|-----------------------------------------------------|--------------------|---------------------------------------------|
| Tubes- Paper towel (\$10) | Toilet paper (\$5) | Markers: Rental fee \$1 / marker |
| Lids: \$5.25 | | Colored pencils: Rental fee \$0.50 / pencil |
| Eyes: 2 for \$10 | | Construction paper: \$2 / sheet |
| Pipe cleaners: \$0.75 | | Fabric: \$10.50 / foot |
| Craft sticks: 2 for \$0.50 | | Feathers: \$8 each |
| Toothpicks: 5 for \$1.50 | | Tape: \$6.33 |
| Bubble wrap: \$10 a foot | | Cardboard: \$4.89 |
| Plastic wrap/Aluminum foil/Wax paper: \$0.75 a foot | | |
| Styrofoam: \$2.25 | | Stickers: \$2.67 |
| Glue: Rental fee \$3.75 per bottle | | Egg crate: \$8.99 |