

# Example Family Pedigree Core Final

Name: Feathered Flyer

Class: Bird Brain

# Feathered Wings Trait Page

- Follows simple complete **autosomal dominance** –only need to inherit one allele to show the dominant phenotype

## Alleles

- F=Dominant form (makes protein resulting in feathery wings)
- f=Recessive form (protein result in non-feathered wings)

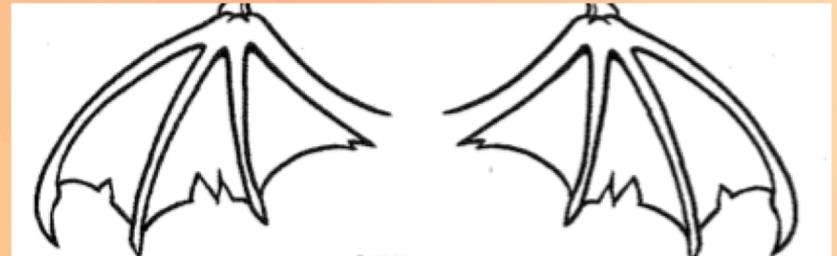


**Phenotype-Feathered wings  
(dominant)**

**Possible genotypes**

**FF-Homozygous dominant**

**Ff-Heterozygous**

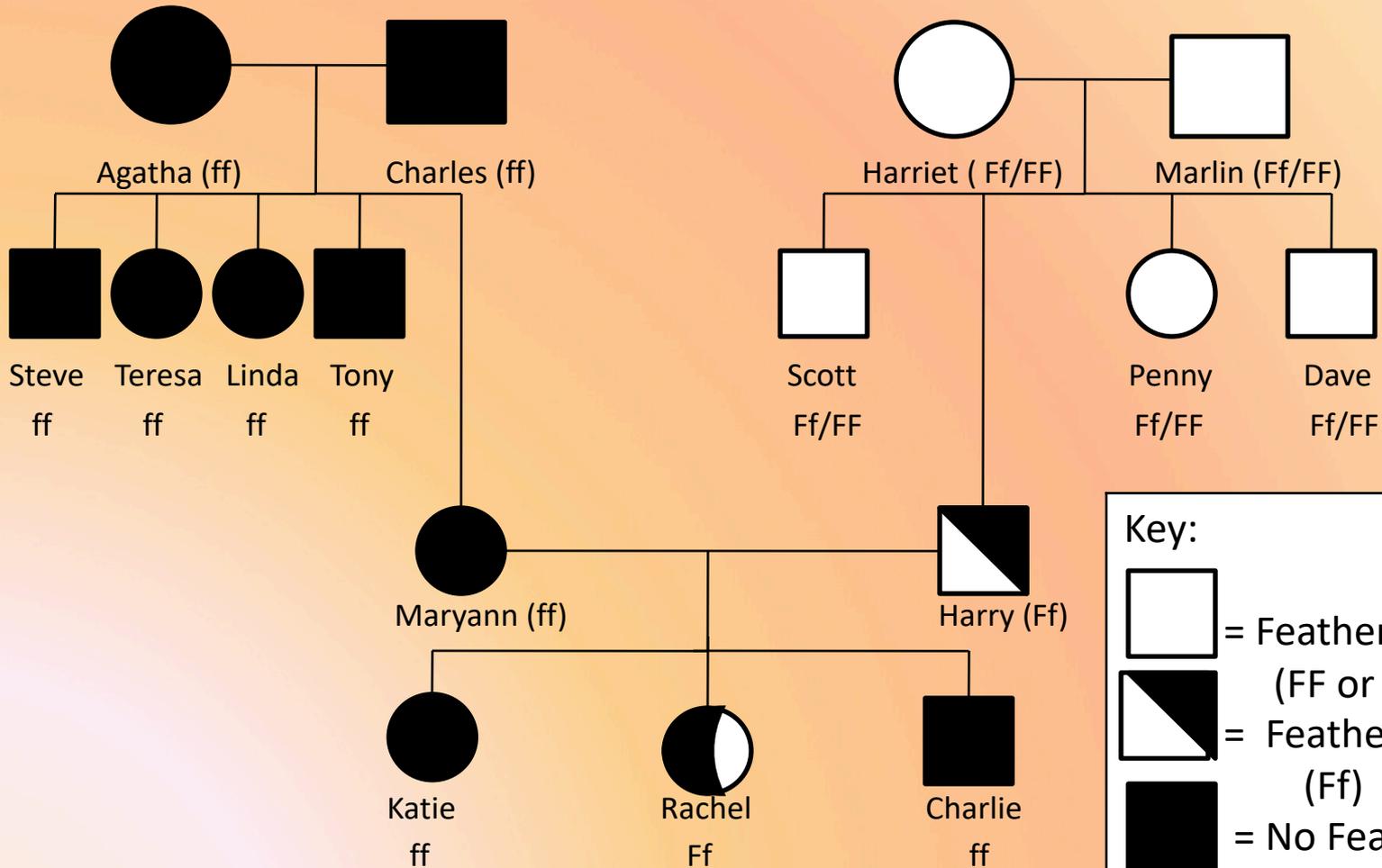


**Phenotype-Non-feathered wings  
(recessive)**

**Possible genotypes**

**ff-Homozygous recessive**

# Trait Pedigree – Feathered Wings

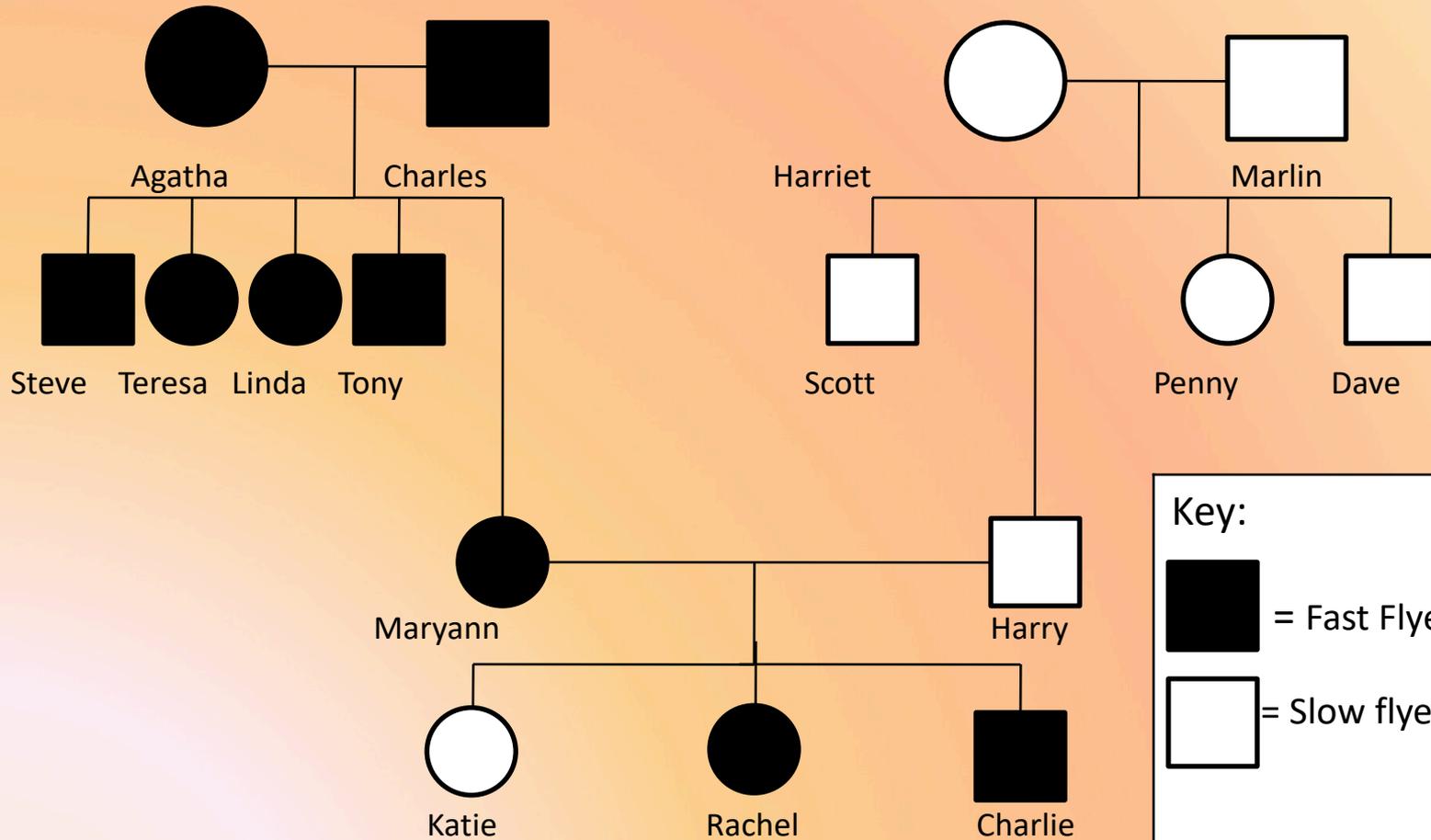


Key:

-  = Feathers (FF or Ff)
-  = Feathers-carrier (Ff)
-  = No Feathers (ff)

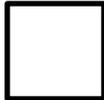
- Honors do a second trait page

# Ability Pedigree



Key:

 = Fast Flyer

 = Slow flyer

- Honors do a second ability pedigree

# My Identity Reflection-For Each Trait and Ability

I have feathered wings and look like my Dad. All of my mom's family does not have feathers so I know she must be homozygous recessive (ff) and she must have passed me her recessive allele. My dad comes from a long line of feathered wings and I know he must have at least one dominant (F) allele if not two. Since I have feathers I know I got my dominant F allele from Dad and my recessive f allele from my Mom and I am heterozygous Ff. I could pass on either a dominant or recessive to my children.

# Fast flying

- I am a fast flyer! I love soaring through the clouds and diving fast through the other birds. This might have something to do with my feathers but more importantly I went to flying school. I was taught how to tuck my wings to get just the right lift that would create the extra speed during my dives. My mother loved flying fast when she was a kid so she made sure to sign me up for the flying lessons even though my father (being a slow flyer) was always super cautious about my speed.

- Another paragraph for each required trait and ability
- Print it all out and turn in as a stapled packet.