<u>Learning Objective/Outcome:</u> Understand the influence of Mendel's studies on modern heredity & how to use a Punnett Square to predict offspring genotypes		
Notes		

What are Punnett	
Squares? What do they predict?	
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Why must we be	
concerned with	
probability when evaluating a Punnett	
Square?	
Draw a Punnett	
Square for a monohybrid cross with	
a homozygous	
dominant and homozygous recessive	
genotype pair. Find the	
possible genotypes of this cross.	
Does it matter which parent is on top versus	
the side?	
77. 1.1	
Find the possible genotypes and	
pheontypes for a	
Ww x Ww heterozygous sheep	
cross using a Punnett	
Square. W is a dominant white color,	
w is a recessive black.	
You cross two	
heterozygous sheep	
and the offspring of the first litter are two	
black and the next is	
two white. Is this possible?	
Summary	
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