Go to <https://www.youtube.com/watch?v=i-0rSv6oxSY&list=PLwL0Myd7Dk1F0iQPGrjehze3eDpco1eVz&index=18>, watch the video, and answer the questions below.

1. What does DNA make up?

2. What is an allele, and how is it represented?

3. What does recessive mean, and how it is represented?

4. What is the only way a recessive allele will show up?

5. What is a dominant allele, and how it is represented?

6. Why does the recessive allele for hairless show up?

7. What does genotype mean?

8. What is the genotype for a hairless guinea pig?

9. What are the two possible genotypes for a hairy guinea pig?

10. What does homozygous mean?

11. What is the genotype for homozygous dominant?

12. What is the genotype for homozygous recessive?

13. What does heterozygous mean?

14. What is a monohybrid cross?

15. What is step one of a monohybrid cross?

16. What is step two of a monohybrid cross?

17. What is step three of a monohybrid cross?

18. What is a phenotype?

19. What are the two possible phenotypes of guinea pigs?

20. What are Punnett squares?

21. Are Punnett squares always accurate?