



Pre-Lab Questions

<http://www.dnafb.org/1/index.html>

Use the website above to answer the questions below. Make sure to click through the different tabs at the top of the page.

1. What are some domestic plants and animals that we have been breeding for centuries?
2. What are the different parts of a flower that allow for fertilization?
3. Why weren't Mendel's laws understood until 1900?

During the Lab

Use the provided worksheet to follow along as we construct Punnett squares.

Post-Lab Questions

1. Do you think that we could use Punnett squares for human traits? Why or why not?
2. What does dominant and recessive mean?
3. Draw a Punnett square below. If we cross a heterozygous pea plant with round seeds (Rr) with a homozygous recessive pea plant with wrinkled seed (rr), what is the probability of having offspring with wrinkled seeds?