

# Mendelian Crosses Activity

## Mendelian Crosses

You will be given 1 purple bead and 1 white bead.

You'll begin with the 1<sup>st</sup> generation with the allele combination Pp.

Randomly "pollinate" with 10 other members of the class.

To "pollinate," you'll pair up and shake all four bead together. Without looking, each of you will choose one bead.

Together, these two beads will determine the genotype of the offspring.

Do this 10 times and record the genotype for each pollination.

1)

2)

3)

4)

5)

6)

7)

8)

9)

10)