

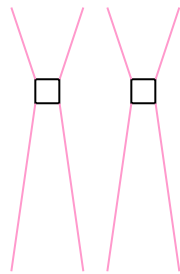
Biology I

Activity: Simulating Meiosis

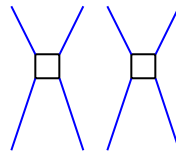
Materials

play dough string
paper markers

The following simulations/models are designed to illustrate what happens to the chromosomes during each phase of meiosis. Different colors will be used to distinguish among homologous chromosomes. Use one color provided (pink for example) to represent the chromosomes that the organism inherited from its mother. Use another color (blue for example) to represent the chromosomes that it inherited from its father. Also, be sure to model chromosome #1 twice as long as chromosome #2. Follow the directions below for each stage to successfully simulate the process of Meiosis. Each stage will be graded.



Chromosome #1



Chromosome #2