**MEIOSIS**



**Parent Cell**

The parent cell prepares to divide.

**Chromosomes Double**

Chromosomes double but remained attached at the centromere



**First Cell Division**

The parent cell divides. The new daughter cells each have half the number of chromosomes that the parent cell had.





**Chromosomes Divide**

The centromeres do split and the chromosomes move to the ends of the cell.

**Second Cell Division**

The two cells split again to produce four daughter cells each with half the number of chromosomes as the parent cell.