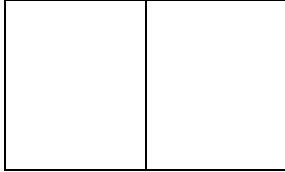


Learning Target: I can describe and explain the different types of non-mendelian genetics.



### Mitosis vs. Meiosis Foldable

1. Turn your paper the long way (hotdog style). Fold your paper in half. You should now have a line down the middle of your paper.
2. Fold the left and right in towards the fold in the middle of your paper. It should now look like this:



3. Cut 1 line on the left side of your paper which will give you 2 flaps on the left. Cut 9 lines on the right side of your paper which will give you 10 flaps on the right. It should look like this now. Label with the words you see on the foldable below.

<b>Mitosis</b>  <b>(Put picture here)</b>	Function
	# of Chromosomes
	# of Divisions
	# of Daughter Cells
	Type of Cell Created
<b>Meiosis</b>  <b>(Put picture here)</b>	Function
	# of Chromosomes
	# of Divisions
	# of Daughter Cells
	Type of Cell Created

Scan to take Quiz



4. Draw and color a picture for Mitosis on the correct flap. Do the same for Meiosis.
5. Behind the Mitosis flap write three things that are different between Mitosis and Meiosis. Do the same behind the Meiosis flap with three other differences they have.
6. Use your notes and other information to put the correct answer behind the flaps on the right. (Function, # of Chromosomes, # of Divisions, # of Daughter Cells, Type of Cell Created)
7. In the middle of your foldable write and answer the following questions.
  - How does mitosis help maintain genetic continuity?
  - How does meiosis help maintain genetic continuity?
  - How do mitosis and meiosis depend on each other in helping to maintain genetic continuity?