

Standards - Unit 4: Mitosis

Standards are the things the State of California says you need to learn while taking a class. Living Earth has a large number of standards the state says you need to learn. This unit we will be working towards understanding some of these standards. Below are the standards you will need to understand by the end of this unit.

LS1.A: Structure and Function

- a. Systems of specialized cells within organisms help them perform the essential functions of life.
- b. All cells contain genetic information in the form of DNA molecules.

LS1.B: Growth and Development of Organisms

- c. In multicellular organisms' individual cells grow and then divide via a process called mitosis, thereby allowing the organism to grow.
- d. The organism begins as a single cell (fertilized egg) that divides successively to produce many cells, with each parent cell passing identical genetic material (two variants of each chromosome pair) to both daughter cells.
- e. Cellular division and differentiation produce and maintain a complex organism, composed of systems of tissues and organs that work together to meet the needs of the whole organism.

Sub-standard	<u>K</u> now (x2)	Don't Know <u>Y</u> et (x2)	<u>W</u> onder (x1, L2 or L3)
a.			
b.			
c.			
d.			
e.			