

Cells in the Funnies

For your culminating assessment, you will be responsible for creating a comic strip to illustrate the path a newly made protein must follow from assembly to use outside of the cell. The comic strip must contain at least 8 frames and appropriate captions. You may choose to color the comic strip or leave it in pen and ink, but it must be neat and legible.

Be sure to read and ask questions about the rubric before beginning the assignment.

	3	2	1	0
Content: Organelle use	All relevant organelles involved in making proteins are represented	One major organelle involved in making proteins is missing	Two major organelles involved in making proteins are missing	Three or more organelles involved in making proteins are missing
Content: Captions	All frames are captioned accurately and appropriately	One frame's caption is inaccurate or irrelevant.	Two frames' captions are inaccurate or irrelevant.	Three or more captions are inaccurate or irrelevant.
Content: Order	All steps in protein synthesis are in order	Two steps are out of order	One step in the process is missing	Three or more steps are out of order or two or more steps are missing
Neatness	No corrections are evident, all words and pictures are neat and legible	One correction is evident, all words and pictures are neat and legible	Two or more corrections are evident or one instance of sloppy writing or pictures	Frequent corrections noted and multiple sloppy components

12/12 = 100%

11/12 = 95%

10/12 = 90%

9/12 = 85 %

8/12 = 75%

7/12 = 70 %

6/12 = 60%

5/12 = 55%

4/12 = 50%

3/12 = 45%

2/12 = 40%

1/12 = 30%

1/12 = 0

BIOLOGY STANDARD B-2: The student will demonstrate an understanding of the structure and function of cells and their organelles.