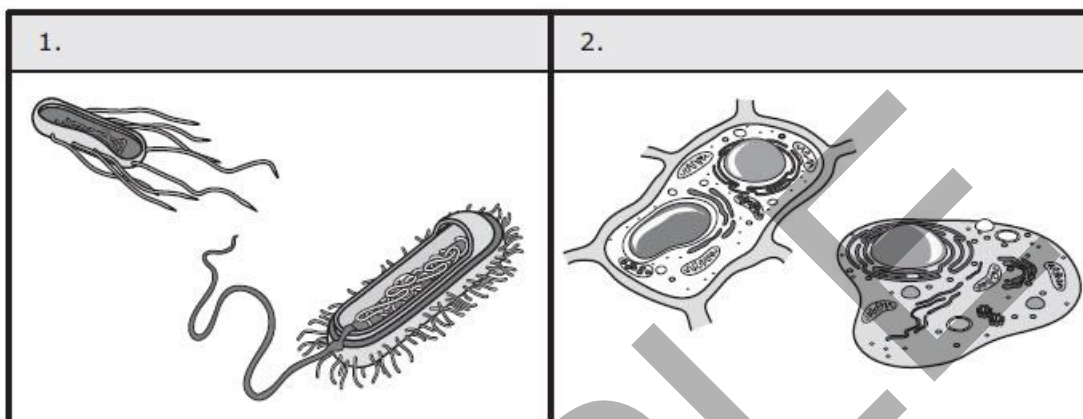


STAAR® Test	Biology	New Content SE	B.4A	New Process SE		Reporting Category	1	
Administration	Spring 2018	Old Content SE	B.4A	Old Process SE		Unit (IFD)	06 (Ma)	
Item #	40	SE Type	Supporting	Assessable on Streamlined STAAR	Yes		01 (Mi)	
								04 (S)

40 A student groups different types of cells as shown.



Which table headings should the student use for the two groups?

- F
- | | |
|-----------------|----------------|
| 1. Animal Cells | 2. Plant Cells |
|-----------------|----------------|
- G
- | | |
|----------------------|---------------------|
| 1. Prokaryotic Cells | 2. Eukaryotic Cells |
|----------------------|---------------------|
- H
- | | |
|-----------------|-----------------|
| 1. Mobile Cells | 2. Motile Cells |
|-----------------|-----------------|
- J
- | | |
|-----------------|--------------------|
| 1. Fungal Cells | 2. Bacterial Cells |
|-----------------|--------------------|

Elements Considered in TEKS Resource System™ Item Analysis

	Texas Education Agency Rationale	TEKS Resource System™ Plausible Rationale for Student Error	Options Analysis by			
			State			
A/F	Animal cells are eukaryotic and would have an illustration of cells with organelles.	May not recognize the models of cells and chose the other answer choice with the most commonly identified types of cells	14			
B/G	Correct - Group 1 is illustrating cells without organelles, which are prokaryotic cells. Group 2 is illustrating cells with organelles, which are eukaryotic cells.	Correct	73*			
C/H	One of the cells in Group 2 is a plant cell and is not capable of movement.	May have randomly selected this answer choice	7			

D/J	Fungal cells are eukaryotic and would have an illustration of cells with organelles. Bacterial cells are prokaryotic and would have an illustration of cells without organelles.	May have randomly selected this answer choice	6			
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Stimulus Type	Diagram	Revised Bloom's	Remember	DOK	Level 1
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Content KS Standard	<i>B.4 Scientific concepts. The student knows that cells are the basic structures of all living things with specialized parts that perform specific functions, and that viruses are different from cells. The student is expected to:</i>
Content SE Standard	B.4A Compare and contrast prokaryotic and eukaryotic cells.
Content SE Breakout	Compare and contrast prokaryotic and eukaryotic cells.

TEKS Resource System™ Notes	<ul style="list-style-type: none"> Vocabulary — cells, table headings, animal cells, plant cells, prokaryotic cells, eukaryotic cells, mobile cells, motile cells, fungal cells, bacterial cells <p>Streamlining:</p> <ul style="list-style-type: none"> This item is aligned to the streamlined language for TEKS B.4A.
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SAMPLE