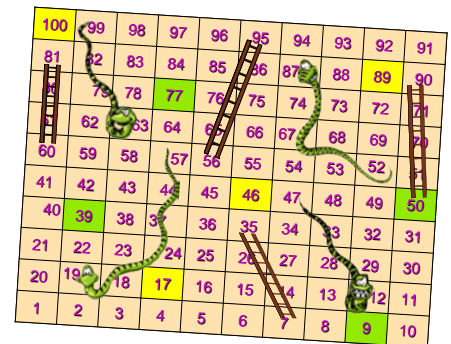
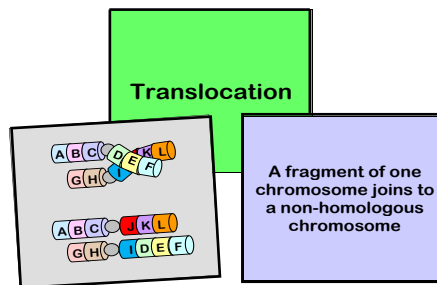
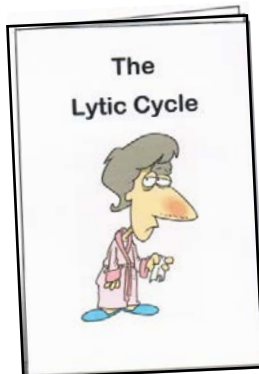


STREAMLINED TEKS EOC Review for Biology



- ✓ 10 review stations filled with interactive manipulative activities & games
- ✓ All Readiness & Supporting Standards are covered
- ✓ Includes quick links, foldables® & more
- ✓ Essential vocabulary is highlighted



What are users saying about Science Cut Ups?

- I love your products! I can take them in so many directions. Every time I use a Cut Up I marvel at all of the wonderful ideas that can be turned into useful tools for learning. They are top notch and the science is always CORRECT!
- We are presently using your EOC Review and LOVE it!
- I am putting together my review pack and love how easy it is to differentiate for my learners!
- I received my order and am busy getting the Cut Ups ready for EOC review. THANK YOU!
- Thank you for the great products which hit the target for science in Texas!
- I am using these for review for semester exams and my students told me this is the best review they have had because it helps them remember the information without having to listen to their teacher talking! Thanks for your great products.
- My teachers and I viewed your EOC review while we were at CAST. We love the student-centered nature of it and feel you've done an excellent job capturing the language and thinking of the TEKS.

Sample Biology station card

- ✓ All materials printed in color on (8 ½ by 11) card stock
- ✓ Stations include 12 interactive links with short animations, simulations & videos
- ✓ 6 stations include making a foldable®
- ✓ Stations can be completed in any sequence
- ✓ Labels and prep instructions are included to simplify organizing all stations

Station A

Words in RED are important-make sure you know them!

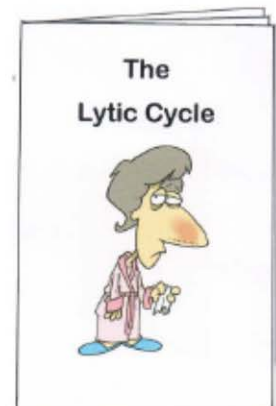
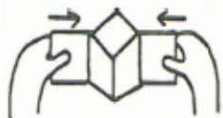


What you do:

- 1) The cell is the basic building block of living things. Use the **A-1** card set to play a game using rules similar to "Go Fish."
 - a) Shuffle and deal each player four cards and place the extra cards in a pile face down.
 - b) Each player tries to make sets of four to put down until all their cards are gone.
 - c) Each set consists of a name card, an **organelle** card, a functions card, and an analogy card
 - d) You ask the player on your right for one card at each turn. If they don't have a card you asked for, you must draw one from the extra cards. If you happen to draw a card you just asked for, you get an extra turn.
 - e) The first player to be out of cards is the winner.
 - f) Explain why animal cells don't have (or need) **cell walls** or **chloroplasts**.
 - g) Explain how the design of each structure in the cell is related to the function it performs within the cell. Look up information about any structures or functions you are not sure about.
- 2) There are significant differences between **prokaryotic** and **eukaryotic** cells. **Viruses**, although not considered to be living, can also be compared to cells.
 - a) Use the **A-2** card set and **Mat A-2** to compare the differences between cells and viruses.
 - b) Record any characteristics you found difficult to remember.
- 3) An organism needs cells that perform **specialized** functions in order to live, grow, and reproduce. Name and record at least 3 kinds of specialized cells.
- 4) What causes cells within an **organism** to become different?
 - a) Name and describe 3 factors that influence **cell differentiation**.
 - b) Use the **A-4** card set and **Mat A-4** to check your work.
- 5) Viruses disrupt the normal activities within a cell by taking control of the cell. Take a copy of the foldable® in the **A-5** bag. Follow the folding and cutting directions below. Complete the drawings and include your explanations inside the booklet. Glue the foldable into your notebook and tell how viruses can cause HIV, colds and influenza.
- 6) Review the differences in the **Lytic Cycle** and the **Lysogenic Cycle** by watching the video at [HTTP://TINYURL.COM/P3CCB6H](http://TINYURL.COM/P3CCB6H) Explain why a person infected with **HIV** might not have any symptoms.
- 7) Explain the interactions that occur in your body in response to the presence of a virus.
- 8) Observe the size of viruses compared to **bacteria**, cells, and their organelles by going to [HTTP://TINYURL.COM/K2JJKJ9](http://TINYURL.COM/K2JJKJ9) Drag the slider under the picture to see from coffee bean to **carbon atom**.

Eight page book foldable® instructions:

- Fold and crease on all solid lines.
- Cut on the heavy solid line from one arrow point to the other.
- Open up and refold to make a "hot dog" fold along the center slit line.
- Hold the ends and push the paper together so that the center slit opens into a diamond. Keep pushing the sides together until the two sections touch. Bring all the sections together and fold the book closed.



FRONT

- 9) Tidy and reorganize all the station materials for the next group using them.