Class Performance

- Correct homework problems as the teacher goes over them in class, using a different color from your original answers. Add information about the solution, and mark the problems that were most difficult.
- Take notes and ask questions, even if the PowerPoint will be on PowerSchool. Annotate the PowerPoint content in your notes with your teacher’s elaborations and questions you want to ask.
- Copy everything the teacher writes on the board, but don’t copy mindlessly. If you don’t understand something, mark it to ask about as soon as you can.

Homework Strategies & Building Memory

- Learning science requires layering knowledge of new material with review of what you already know. Take 10 minutes after homework to integrate what you just read with your last set of class notes. Reorganizing class notes will help you begin to truly process the information, not merely record it.
- Science can be like learning a new language: organize and categorize new vocab by making index cards, quizlet stacks, or quizzable study guides. Test yourself on terms and processes the same day they are introduced in class. Quiz yourself on answers to textbook questions daily.
- Break down processes into sequences of three or four steps, and ask yourself about the causes and connections between parts of the sequence.

Preparing for Quizzes and Tests

- Test yourself on every homework question, quiz, or test you've taken. Enter all information you don't know into a study tool such as quizlet.com, index card, or a blank chart.
- Study new terms or concepts in small, frequent chunks. The more times something is retrieved, the stronger that memory pathway becomes.
- Likewise, the more ways information is learned, the more memory pathways are built. For example, use online quizzes, but say questions aloud. Draw, color-code and label a diagram, and then explain the parts or steps involved to a friend.