

**Memory Tricks, Analogies and Stories to support BC Science 8
and 9**
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Crazy Stories

1. The Baggers can't be Juicers Story for Tonicity and movement across Cell Membranes.
2. Diamond Jim Brady's Stomach
3. Transcript of Venus Fly Trap's model of the atom

Games to play

1. Superquiz (rows as teams) and alternate with text questions
2. The Board Column game: Put 5 columns on Board with a question at the top of each. Have entire class up at board working in Groups (Have them put initials of group members at top of column) on one question. Give 10 minutes to write down answers in point form on Board. Have all sit down and then evaluate questions one group at a time giving a potential mark. Indicate what was missing and needed for full marks. Give class 15 minutes to take down the corrected versions of the questions.

The ABC's of DNA

(an analogy-based extension unit for Ch 4 in BC Science 9)

1. Why (Y) is it a Pyrimidine (Cytosine and thymine)
2. DNA as a french recipe in the library.
3. Photocopying Recipe is Transcription.
4. "Translating" the recipe from French and making Cake.
5. "Making 2 Recipe Books" as DNA replication.
6. "Using Recipe books" as Protein Synthesis.
7. DNA as a stamp template.
8. Students as bases in DNA replication and Protein Synthesis
9. Taking out a bad recipe and putting in a new one: Recombinant DNA technology.
10. Students linking arms for SP bonds with adjacent student and lightly touching outstretched hands as H Bonding.

Analogies for BC Science 8

1. pH scale is as easy as ABC. P.460
2. Water soluble vitamins BC. P.68
3. Glucose is money in your wallet while Glycogen is money in the bank. P.66
4. When the glucose is all gone use glucagon. P.66
5. Teacher as an enzyme. P.70-71
6. The Cell Membrane as a chain-link fence surrounding the school. P.25
7. Facilitated and active transport as a student parking lot. P.26
8. Duodenum as twelve finger widths with 8 X 11. P.73-74
9. Digestion and tearing up paper. P.64 and P.70-76
10. Left hand as the Larynx and the hiccup. P.90 and 72
11. Diastolic goes below the Systolic because when you die go down under.
P.336-337
12. Tennis is Love of the Heart...points and the cardiac cycle. P.83 activity
13. The Heart as a pointy fist. P.82
14. Two Hands as the Double Pump. P.84
15. Pressure as a carwashing hose. P.336-337
16. Residual Volume is like a little air left in the balloon. P.86
17. Veins and the blue freezie. P.86
18. Digestion as breaking down houses into bricks to build a new house.
19. Lobes of the cerebral cortex: silly face for temporal.
20. The Syringe as the diaphragm. P.90
21. Bellows model of the Rib Cage. P.90