Read it & Understand it

READING STRATEGIES TO INCREASE COMPREHENSION

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Has this ever happened to you?

- After reading a chapter in your textbook...
  - “I don’t understand what I just read.”
  - “I don’t remember what I just read.”
  - “This chapter is so boring that I just don’t get it.”
Why are Reading Strategies Important?

- Help you study
- Help you understand your material more easily
- Help to improve your reading ability
Good Readers

- Monitor their understanding as they read; recognize when things are or are not making sense.
- Activate background knowledge and make connections between new and old information.
- Self-question the text to clarify uncertainty and deepen understanding.
Good Readers

- Draw inferences from the text use background knowledge and clues from the text.
- Determine importance in text to separate details from main ideas.
- Use sensory images to enhance comprehension and visualize reading.
- Synthesizing and extending thinking.
Factors that Influence Reading
Basic Reading Strategies

- **Preview what you are reading:**
  - Look at pictures, text boxes, side notes, etc.

- **Sticky Notes:**
  - Identify important information

- **Chunk the Reading**
  - Focus on smaller sections.

- **Underlining**
  - Chunk areas that are important, identify areas that you have questions, look at areas that you can connect with, etc.

- **Cornell Notes**
  - Study strategy using note taking and reading skills at the same time.
The Cueing System

- 5 main aspects of cueing
  - Graphics
  - Semantics
  - Syntax
  - Experiential Background
  - Text Structure
Microspores and megaspores are formed on sporophylls in male and female cones respectively. Each scale in the male cone has two sporangia in which meiosis occurs to produce tetrads of spores, just as in a fern sporangium. Male gametophyte development starts in the microspore (or pollen grain) before it is shed. Mitotic divisions result in two prothallial cells, a tube cell and a generative cell. The sporangium breaks open to shed the immature gametophytes which are carried on the wind and may chance to arrive at a sporophyll on a female cone. In the female cone each scale bears two megasporangia - ovules in which a single mother cell undergoes meiosis to produce four megaspores. One megaspore develops into the female gametophyte which contains thousands of cells and is considerably larger than the male gametophyte.

Male gametophyte development has to wait up to a year for the female gametophyte to mature and produce two or three archegonia with egg cells. The pollen tube grows slowly through a pore in the integument of the megasporangium and eventually the generative cell divides to produce two sperm cells. One of these fertilizes an egg cell to produce a zygote. Usually only one archegonium will produce a zygote in each megagametophyte so that there is only one embryo per seed.

The mature seed consists of three generations of tissues: maternal sporophyte tissue (seed coat and nucellus), gametophyte and daughter sporophyte (embryo) - After about two years the mature seeds are shed. Conifer seedlings have several needle-like cotyledons in a whorl and the seedlings produce scattered leaves until adult foliage develops.
Graphics

- Or look at this?
Semantics

• The meaning
  ○ General vocabulary - one general definition
    pencil - 1. A narrow, generally cylindrical implement for writing, drawing, or marking, consisting of a thin rod of graphite, colored wax, or similar substance encased in wood or held in a mechanical holder.

  ○ Nonspecific vocabulary – multiple meanings based on content/context

  ○ Technical vocabulary – content specific
    Metaphor in English, photosynthesis in Science
Syntax

• How it’s written

• Often, textbooks are confusing. But you have it break it down.
  ○ Identify important information
Professor Bernard Wasserstein of Brandeis University is shortly to publish a new biography of Herbert Samuel, who was, in effect, leader of the Liberal party for the crucial months of 1931, during Lloyd George's illness, and a central figure in the crisis.

- Professor Wasserstein is shortly to publish a new biography.
- Professor Wasserstein works at Brandeis University.
- Herbert Samuel was leader of the Liberal party in 1931.
- Lloyd George was ill.
- Herbert Samuel was leader of the Liberal party during the illness.
- Herbert Samuel was a central figure in the crisis.
Experiential Background

- Comprehension of text is dependent on your past experiences and background knowledge.

- The flat-pattern method begins with the creation of a sloper or block, a basic pattern for a fitted, jewel-neck bodice and narrow skirt, made to the wearer's measurements. The sloper is usually made of lightweight cardboard or tagboard, without seam allowances or style details. Once the shape of the sloper has been refined by making a series of mock-up garments called toiles (UK) or muslins (US), the final sloper can be used in turn to create patterns for many styles of garments with varying necklines, sleeves, dart placements, and so on.
Experiential Background

- Did you understand the text? Why or why not? You could read the words, and the syntax was not difficult to decipher, so why could this have been a complicated text to comprehend?
Text Structure

• How is the text set up?
  ○ Problem/solution
  ○ Compare/contrast
  ○ Main idea/supporting detail?
  ○ Sequentially

• Does this affect how you read the text? YES!
  ○ Steps in a process?
  ○ Scientific journal article?
  ○ Cause and effect in Social Studies?
Text Rendering (AKA Annotation)

- During Reading strategy.
- Creates interactivity between the reader and the text.
Text Rendering
(AKA Annotation)

- Using a code to simplify the process, make connections, etc.
  - !
  - ______
  - *
  - Making notes
  - Highlighting
Text Rendering (AKA Annotation)

- It is beneficial:
  - Individualized
  - Easy to implement
  - Easy to read
least in the present state of our knowledge—be further analyzed.

The teachings of praxeology and economics are valid for every human action without regard to its underlying motives, causes, and goals. The ultimate judgments of value and the ultimate ends of human action are given for any kind of scientific inquiry; they are not open to any further analysis. Praxeology deals with the ways and means chosen for the attainment of such ultimate ends. Its object is means, not ends.

In this sense we speak of the subjectivism of the general science of human action. It takes the ultimate ends chosen by acting man as data, is entirely neutral with regard to them, and it refrains from passing any value judgments. The only standard which it applies is whether or not the means chosen are fit for the attainment of the ends aimed at. If Eudaemonism says happiness, if Utilitarianism and economics say utility, we must interpret these terms in a subjectivistic way as that which acting man aims at because it is desirable in his eyes. It is in this formalism that the progress of the modern meaning of Eudaemonism, Hedonism, and Utilitarianism consists as opposed to...

7. We shall see later (pp. 49-58) how the empirical social sciences deal with the ultimate given.

I GUESS SO... IF WE'RE CALLING AKINS "RATIONAL" CAN'T
BECAUSE THEY CAN'T BE ANALYZED TO CONSTITUTIONS.
Things to Keep in Mind

- If lack of knowledge is caused by forgetting a technical term
  - Write the term and definition in the margins and try re-reading

- Do not merely re-read material again
  - Avoid dull repetition because it doesn’t lead to deep thinking and memory building

- Know the main idea

- Look for supporting details to the main idea
  - Subheadings and related topics

- Purpose of the text
  - Argument? Information?
  - What is the tone of the text?
  - Why do you need to know this information?
Try It Out!

- Using the information from the presentation, utilize the reading strategies to decode the following passages!
What We Have to Offer:

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