

Heredity & Nonfiction Text

Date: Monday, March 4, 2013

OBJECTIVE: I will use nonfiction text strategies to define key vocabulary related to genetics.

1. What are the four Nitrogen bases that make up DNA?
2. What is the section of DNA that codes for a protein called?
3. Why do you look different than the person sitting next to you?



1. What are the four Nitrogen bases that make up DNA?

Adenine, Thymine, Guanine, & Cytosine

2. What is the section of DNA that codes for a protein called?

A Gene

3. Why do you look different than the person sitting next to you?

Your genes (DNA) are slightly different than everyone else.

Agenda:

1. Do Now & Review Do Now
2. Identify Key NonfictionText Structures
3. Using Text Structures Modeling
4. Genetics & Text Structures Scavenger Hunt
5. Workshop last night's graphing homework

Tonight's Homework: Flashcards

Alleles
Traits
Heredity
Hybrid
Dominant
Recessive
Genotype
Phenotype
Homozygous
Heterozygous

Connection to MCAS...

Nonfiction Text

What does "Nonfiction text" mean?

Nonfiction text is true and is about real things, people, places, or events

or

offers opinions based on facts about reality.

Examples: Biography, textbook, opinion letter, diary, news story, historical documents





Nonfiction text provides many tools that help promote understanding.

Like...

Nonfiction text tools

- **Pictures**
- **Diagrams**
- **Captions**
- **Headings**
- **Sub-Headings**
- **Bold-ed Key Words**
- **Examples**
- **Check for Understanding Questions**
- **Thought connections**

Nonfiction Text uses several predictable structures...

Text Structures		
Text Structure	Signal Words	Signal to Reader
Description or list 	such as, for example, for instance, most important, in front, beside, near	A list or set of characteristics will follow.
Sequence or time order 	first, second, third, before, on (date), not long after, after that, next, at the same time, finally, then	A sequence of events or steps in a process is being described.
Compare and contrast 	like, unlike, but, in contrast, on the other hand, however, both, also, too, as well as	Likenesses and differences are being presented and/or discussed.
Cause and effect Problem and solution 	therefore, so, this led to, as a result, because if ... then	Evidence of cause(s) and effect(s) will be given or problems and solutions will be described.

Check for Understanding:

1. What are three TOOLS that nonfiction texts often provide to promote understanding?
2. List the four nonfiction text structures AND one word that signals each structure.
3. Give two examples of a nonfiction text (besides our science textbook).

Directions:

1. Read page _____ with a pencil/pen in your hand.
2. Mark the text as you go.
3. After each paragraph stop and talk to your partner about what you marked.
4. Then check to see if you can mark down any items on your Text Structure Scavenger Hunt.

What nonfiction text **TOOLS** did you see on this page?

What nonfiction text **STRUCTURES** did you find on this page?