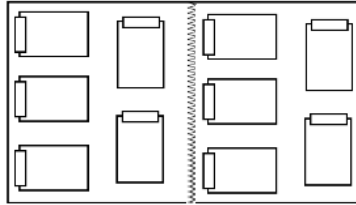


Question Cards

Question Cards are written to reflect and review information. The QUESTION is placed on the front of the card. A SUMMARIZED ANSWER is placed on the back of the card.

Vocabulary Card Instructions

Made on 1/8 of a sheet of paper, the cartoon or diagram side is taped facing up (five on a page). Use the vocabulary cards to review information by looking at the diagram and making the connection between the diagrams or pictures and the figure, term or event.



Front Side - has a cartoon or diagram

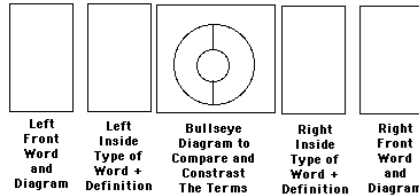
- The diagram or cartoon must have at least 4 different colors (other than black and white).
- There should be a minimum of writing and explanations on this side of the vocabulary card.

Back Side - Explaining the Words

- Word (spelled correctly)
- Link - a word useful in remembering the word, the meaning should be known; often related or rhyming with the vocabulary word
- Definition - meaning of word using terms the student understands (1 of the 3 sentences)
- Usage Sentences - the 2 other student created sentences helping explain the meaning of the vocabulary

Fold It 2 - Compare and Contrast Two Terms

Tri-Fold a piece of paper (so that the left fold and right fold meet in the MIDDLE):

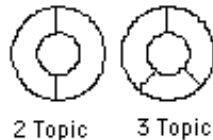


1. Front Left side—One TERM and a multi-color ILLUSTRATION
2. Inside Left Side - The word, a definition of the word in student terms
3. Front Right Side—One TERM and a multi-color ILLUSTRATION
4. Inside Right Side - The word, a definition of the word in student terms
5. Inside Center - A bulls-eye diagram to compare and contrast the two terms

Bull's Eye Comparison

Compare and contrast two or three CONCEPTS, VOCABULARY TERMS, EVENTS, or FIGURES.

1. Title - The topics involved
2. Inner Circle - Similarities between the topics
3. Outside Sections - Differences between the topics
4. Include an illustration showing how the topics are related (4 color minimum).
5. A summary of how the illustration and bull's eye center are related.



Concept Mapping

Identify a main theme or idea and related ideas.

1. The main theme or concept is the center bubble of the concept map.
2. Branching off the center bubble are related concepts or topics.
3. A summary must be written explaining the connection of each branching bubble to the center bubble.

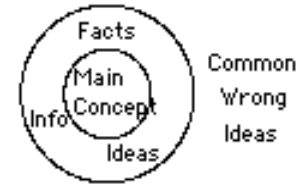


- Use at least 4 different colors and 4 different shapes on the concept map.
- Each color must represent a different thread of ideas or concepts. If a bubble is related to more than one thread of concepts, use all the colors to show this.
- Each shape of bubble must represent a different thread of ideas or concepts.
- Include a key identifying what each shape and color represents

The Ring of Truth

Identifying common misconceptions.

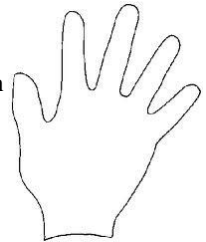
1. Inner Circle - Main concept
2. Outside Section - Specific facts, ideas, and information about the main concept
3. Outer Area - Common misconceptions, wrong information, wrong ideas that anyone might have about the concept
4. Include an illustration including the main concept and at least one fact about the concept (4 color minimum).
5. A summary of the idea, why the outside ideas are wrong, and why people may have these misconceptions.



Grasping a Concept

Identify concepts related to a main idea and an opposing concept.

1. Trace your non-writing hand.
2. In the palm area write the concept, event, figure or topic and make a simple sketch (4 color minimum) representing it.
3. On each digit, write a vocabulary term, minor concept, figure, event or equation related to the concept, event, figure or topic on the palm.
4. At the end of each digit include a simple sketch (four colors minimum) representing what is on the digit.
5. The thumb opposes the other digits, so the thumb should have a related but somewhat opposite or different slant than the other digits.
6. A summary explaining the concept and activity must be written including:



- An explanation of the main topic and how it relates to the palm and sketch.
- An explanation of the connection between the main topic and the 4 related digits
- - An explanation of how the thumb information is related but is opposed to the other digits' information.

Newspaper Article

- Write a 2 to 3 paragraph long newspaper article suitable for the school newspaper about the assigned CONCEPT, VOCABULARY, EVENT or FIGURE.
- The article must contain the H5W (How, Who, What, When, Where, Why) about the concept.
- The article must have at least two interesting facts people could use in common day conversations.
- There must be a graphic or illustration (4 color minimum) representing the concept or equation being applied.
- Include a caption which summarizes how the illustration is related to the topic.

Fables

A fable is a short story with animals as main characters. There is a moral or point to the story.

- The short story is generally 2 to 3 paragraphs in length.
- *The* CONCEPT, VOCABULARY, EVENT or FIGURE assigned in class must be used in the fable.
- The key concept or vocabulary terms must be **HIGHLIGHTED** in the fable.
- The moral or point to the story is added **AFTER** the last paragraph.
- After the moral or point to the story is stated, there must be an **illustration** showing the key concept (minimum of four colors).
- After the illustration there must be an explanation (2 paragraph minimum) of how the story, moral/point and illustration shows the assigned Physics concept or principle.

Acrostic Poem

- This type of poetry doesn't have to rhyme.
- The assigned CONCEPTS, VOCABULARY, EVENT or FIGURE is written vertically (up and down).
- Words, terms and concepts related to the term are written horizontally (back and forth) off the letter in the vertical term. The letter may be the start of a word or in the center of a word.
- An illustration representing the main idea and related ideas must be next to the acrostic poem (4 color minimum).
- Summarize how the horizontal words **AND** the illustration are related to the vertical term.

Letter to the Editor

- The letter must be from 2 to 4 paragraphs in length and be in correct letter format.
- The letter must contain the assigned CONCEPT, VOCABULARY, EVENT or FIGURE
- Each use of the assigned topic or vocabulary terms must be **HIGHLIGHTED**.
- **YOU** must state an opinion about the topic.
- At least 5 specific facts must be used to support the opinion.
- An illustration of the topic must be made after the letter (4 color minimum).
- Include a caption which summarizes how the illustration is related to the topic.

Don't Break The Bank

- Create a rough draft summary of the assigned CONCEPT, VOCABULARY, EVENT or FIGURE.
 - At \$.10 a word, you have a SET DOLLAR AMOUNT (provided by your instructor) to spend on your summary.
 - Rewrite your summary to spend no more than the allowed dollar amount.
 - Next to each line, write the total dollar amount spent on the line.
 - At the end of the summary, include the total dollar amount spent on the summary.
 - Include an illustration (4 color minimum) showing the key idea of the concept.
- *** Possible modifications***
1. Each syllable worth 10 cents.
 2. One syllable words worth \$1, two syllable words worth 50 cents, three or more syllable words worth 10 cents

Public Service Announcement (PSA) - Urinal Advertisement

- You write a public service announcement that could be posted on a bathroom wall on one of the assigned CONCEPTS, EVENTS or FIGURES.
- The PSA must be **NO LONGER** than 30 seconds when read aloud.
- The CONCEPT, EVENT or FIGURE must be identified at least twice during the PSA.
- The PSA must include at **least 5 vocabulary terms or phrases** from the current topic.
- Each vocabulary term or phrase must be **highlighted**.
- After the reading of the PSA, there must be a **one-sentence declaration of the organization responsible** for developing the PSA.
- There must be at least one illustration (related to the concept) to catch the eye of the bathroom user (4 color minimum).
- On the back (or a page extension) include an explanation of how and why the PSA would influence people to better understand the main CONCEPT, EVENT or FIGURE.

Radio Commercial to Review Homework - Thirty Seconds Of Fame And Glory

Write a 30 second (maximum) RADIO commercial advertising the assigned concepts, events, variables or terms.

1. The one idea or concept considered to be most important should be the main message of the commercial.
2. The commercial **MUST** use at least 5 vocabulary terms or phrases from the current unit (highlight each term).
3. A description of any sound effects or music that would accompany the commercial may be listed in parenthesis and highlighted inside the body of the commercial.
4. An illustration showing a printed advertisement to accompany the radio campaign must be drawn (use at least 4 colors).
5. An explanation of how both the radio commercial and the printed advertisement meet the key points of the assignment must be written.

Designing A Magazine Ad

Design a magazine advertisement on one of the assigned concepts, events, variables or vocabulary terms.

1. The ad is for a favorite magazine of teenagers or young adults.
2. The standard header or footer of the magazine must be placed above or below the advertisement.
3. The advertisement must be no more than a half page in length and use a minimum of 4 colors.
4. There must be at least one paragraph of claims or selling points on the advertisement.
5. Below the advertisement, use at least 3 paragraphs to explain why the magazine was selected, how the artwork gets across the concept or equation use and why the claims or selling points help explain the importance or develop the understanding of the concepts, events, variables or vocabulary terms.

Song or Rap

1. The song must use the assigned vocabulary, concepts, events, variables or terms.
2. Use a song or tune or nursery rhyme familiar to you.
3. When presenting the song, be prepared to sing/play it out loud
4. There must be an illustration of the cover art for the CD or computer icon for the song (4 color minimum) showing an understanding of the assigned vocabulary, concepts, events, variables or terms.
5. There must be a 2 to 3 paragraph explanation after the song and illustration to explain how each covers and demonstrates the assigned vocabulary, concepts, events, variables or terms.

Box of Colors

- Make LEARNING more color conscious!
- Give the crayons names which describe both the concept and the color (cheesy macaroni orange).
- At least six colors must be used.
- Draw each crayon with the name of the color and variable/concept on the label (Revolution Red on a red colored crayon).
- Summarize the concept including how the color and the concept make a natural fit.
- Draw the outside of the box with a slogan to entice people to purchase this mix of colors.
- A safety warning label must be included across the bottom of the box.

Cartoon Project

1. Create a single frame or multiple frame cartoon representing the assigned concept, event or figure (4 color minimum).
2. Write a maximum 2 lines for a captions or speaking bubbles.
3. Highlight vocabulary terms used in the cartoon.
4. Summarize how the cartoon shows or addresses the assigned concept and how the caption/speaking bubbles represents the assigned concept.

Tattoo or Body Art

You are in charge of developing a tattoo to allow the world to know about one of the assigned CONCEPTS, VOCABULARY, EVENT or FIGURE

1. The centerpiece of the tattoo must be a **slogan** representing the **concept or equation**.
2. The surrounding **artwork** (minimum of 4 colors) must demonstrate the **equation's concept in a real-life situation**.
3. The artwork must be suitable for all ages and appropriate for viewing in all social situations.
4. A **2 to 3 paragraph explanation** of how the artwork represents the equation or concept and the best location for the tattoo on the body must be written underneath the tattoo.

Hero Special Assignment

- Design a comic book hero or heroine.
- The name of the hero or heroine must reflect one of the major Concepts, Events, Figures or Variables of the unit.
- The costume must reflect the name.
- The superpower or strength of the hero or heroine must be related to the major concept or event of the unit.
- Draw the hero or heroine using the superpower (4 color minimum).
- Summarize how the costume and superpower are related to the major concept AND how the illustration demonstrates the application of the major concept or event of the unit.

Protest Sign

Create a sign emphasizing the assigned Concept, Event, Figure or Variable.

- The front of the sign must have a slogan with no more than 10 words and use at least 1 current vocabulary term.
- The back of the sign must have a picture or diagram representing the concept using at least four colors.
- A two-paragraph explanation of how the slogan and diagram exhibit understanding of the assigned concept.
- A detailed third paragraph explaining the event the sign would best be used at must be written