

Memorizing Facts: The Keyword Strategy

In most of your school courses, you are probably expected to remember lots of important facts and ideas. One useful method that can help you to do a better job of memorizing facts is called the 'keyword' strategy. With this technique, you:

- Highlight important facts or ideas in a passage
- Write a 'gist' sentence that summarizes the highlighted ideas or facts
- Select a 'keyword' that will help you to recall a central idea about the article or passage
- Create a mental picture to help you remember the keyword
- Add details to the mental picture or create a story around the keyword to memorize additional facts or ideas

The keyword strategy can seem a bit silly when you first try it- but it works! Here are the main steps of the keyword strategy- along with 2 examples:

- **Step 1: Read a passage from a textbook or article and highlight the most important ideas or facts.** The first trick in effective memorization is to decide what facts are important enough to remember. Read the passage carefully and note what ideas, terms, or phrases are most important. Highlight only these important ideas.

Here is a sample passage from a history text. The student has read through the passage and highlighted the main points (underlined text):

“Long before the start of the classical period, Greeks had spread beyond the limits of Old Greece. After the great migrations to the coasts of Asia Minor and the Aegean Islands (c. 1000-800 BCE) there were extensive colonizing movements, in which settlers from individual Greek cities founded a new city either in a different part of Greece or in a barbarian land. The main colonizing age lasted from the eighth century to the sixth century BCE, although colonies were still being founded in the classical period”

-from Hooker, J.T. (1995). Hellenic Civilization. In A. Cotterell (Ed.) *The Penguin encyclopedia of classical civilizations* (pp.1-40). London: Penguin Books.

- **Step 2: Write or think about a summary ('gist') sentence that captures the important ideas of the passage.** The 'gist' sentence that sums up the central facts from the longer passage on the movement of peoples in ancient Greece:

The Greeks spread beyond the limits of Old Greece, migrating first to Asia Minor and the Aegean Islands and later founding new cities in other parts of Greece or in barbarian lands.

- **Step 3: Write (or think of) a keyword that provides a mental picture to represent a main idea in the passage.** Add details to the mental picture or create a story around the keyword to memorize the facts or ideas (feel free to use silly keywords or stories, as silly examples can stand out and be easier to recall).

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In our example, the student selected the keyword “old geese” (to represent the term “Old Greece” that appears in the original passage). The student then weaves a story around the keyword to make it easier to remember the main facts of the passage:

A flock of old geese [keyword: represents Old Greece] left their pen [“great migrations”] and flew off to a tiny Chinese restaurant [“Asia Minor”] on a giant island [“Aegean Islands”]. There the geese found an undiscovered city [“founded new cities”] filled with other geese [“in a different part of Greece”] and cavemen [“or in a barbarian land”].

In the next example, the student uses the keyword strategy to remember facts from a textbook on natural ecology:

➤ **Step 1: Read a passage from a textbook or article and highlight the most important ideas or facts**

“Three major classes of processes cause the cycling of carbon in aquatic and terrestrial systems. The first includes the assimilatory and dissimilatory reactions of carbon in photosynthesis and respiration. The second class includes the physical exchange of carbon dioxide between the atmosphere and oceans, lakes, and streams. The third type of process that drives the cycling of carbon consists of the dissolution and precipitation (deposition) of carbonate compounds as sediments, particularly limestone and dolomite”

-from Ricklefs, R.E. (1993). *The economy of nature*. (3rd ed.) New York: W.H. Freeman

➤ **Step 2: Write or think about a summary (‘gist’) sentence that captures the important ideas of the passage.**

Carbon cycles through ecological systems in three ways: (1) photosynthesis and respiration, (2) physical exchange between the atmosphere and bodies of water, and (3) depositing or dissolving of mineral sediments such as limestone.

➤ **Step 3: Write (or think of) a keyword that provides a mental picture to represent a main idea in the passage.** Add details to the mental picture or create a story around the keyword to memorize the facts or ideas

A man on a sooty bicycle [keyword: represents “carbon cycles”] rode into a greenhouse [“photosynthesis and respiration”]. The man put on an air tank and jumped into a pool of water [“physical exchange between the atmosphere and bodies of water”], where he chiseled limestone off the bottom of the pool [“depositing or dissolving of mineral sediments such as limestone”].