



Connecting

New Vocabulary Words

Research:

According to John Hattie's *Visible Learning*:

- Vocabulary programs: 0.62
- Classroom discussion: 0.82
- Integrate prior knowledge: 0.93
- Elaboration and organization: 0.75
- Concept mapping: 0.64
- Evaluation and reflection: 0.75

Implementation (word association):

- Set a time limit for the entire activity and a specific limit for each word (e.g., 1 minute)
- Have students work in pairs or small groups to list as many words as possible related to each vocabulary word
- Lead a classroom discussion asking students to share their associations and the rationale behind them
- Provide clarification for misconceptions as needed

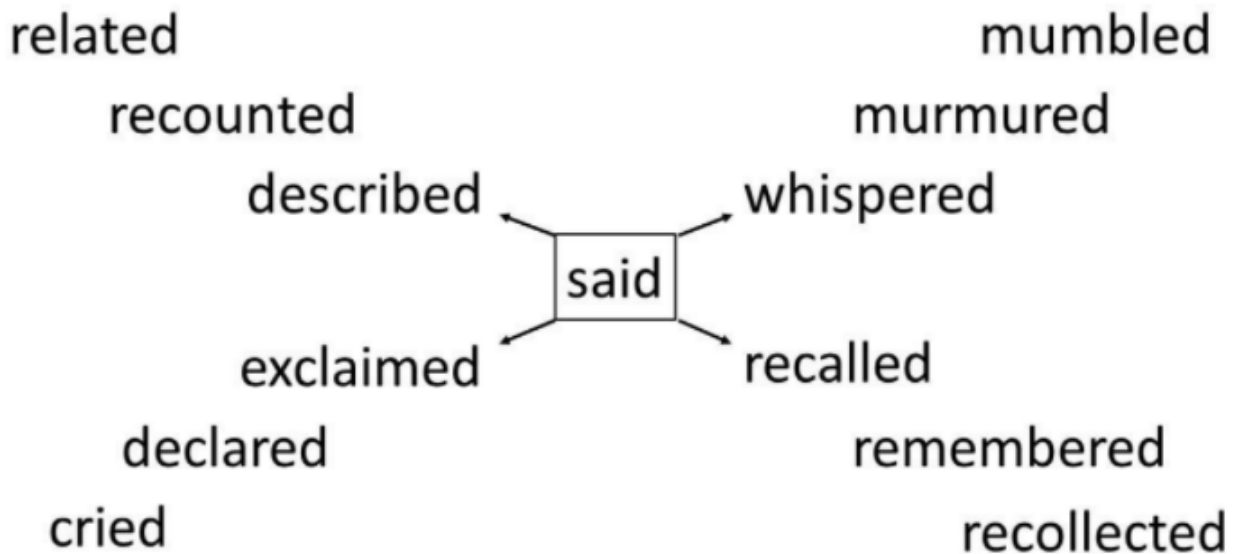
Implementation (concept of definition map):

- Students choose a word
- Students create an easy-to-understand definition
- Students list characteristics to describe the word
- Students provide examples that relate the term to known concepts

Implementation (synonym web):

- Provide synonyms for students related to a target word
- If needed, create category labels
- Students work to sort synonyms into categories based on commonalities
- Lead a classroom discussion to explore various synonym webs
- Reflect on how students' understanding of the target word deepened

Synonym Web



Concept of Definition Map

What is it? (Definition)

-an invertebrate with a soft, unsegmented body that lives in damp or aquatic habitats

What is it like?

(Characteristics)

- usually has a shell
- muscular foot
- mantle

mollusk

What are some examples?

- snails
- clams
- squids
- octopuses