

Discipline Sorter Answer Key

- Biology: **homeostasis, photosynthesis, osmosis**
- Chemistry: **catalyst, stoichiometry, isotope**
- Physics: **inertia, velocity, momentum**
- Mathematics: **derivative, theorem, algorithm**
- Economics: **inflation, scarcity, subsidy**
- Government and Civics: **legislature, jurisdiction, referendum**
- Psychology: **cognition, reinforcement, perception**
- Literary Studies: **metaphor, motif, satire**

Build a Cross-Discipline Connection: Answers will vary. Responses should clearly connect two disciplines with correct usage and logical reasoning.

Teacher's Guide

- **Objective:** Build Grade 10 academic vocabulary by having students classify terms by discipline and justify choices with evidence.
- **Differentiation:**
 - Support: Reduce the word list and provide a mini glossary or example for one category.
 - Challenge: Ask students to argue for an alternate classification of a borderline word using strong discipline evidence.
- **Engagement strategies:**
 - Run a "discipline draft" where groups claim categories and compete to justify the most accurate sorting.
 - Use quick share-outs for Part B where students defend one controversial placement.
- **Extension ideas:**
 - Have students add two new words from current units in science or history and explain where they fit.
 - Ask students to build a concept map connecting at least four disciplines using classified vocabulary.