Exclusion Brainstorming

Source
Original Link: http://www.kfalls.k12.or.us/departments/ELL/D1ExclusionBrainstorming.pdf
Shortened Link: goo.gl/gePZPY
QR Code:

Brief Summary
Before reading about a topic, students are given a list of words that may or may not have anything to do with the topic. Students identify the words they think do not have to do with the subject. After reading, the students reevaluate what they previously thought and make new connections with the given terms.

Notes
See source for more information. Following this page are two sample lists of words for classroom use.

Example Use in STEM EDA
This strategy can be used well in the research section of any module and for the reading of any of the suggested articles in the research section. The following two pages have a list of words for the “Sound” section of the Explore Music module and the article located at goo.gl/9dLrWe (Long Link: http://www.britannica.com/EBchecked/topic/318130/kinetic-energy) for the “Kinetic Energy” section of the Apply Egg Drop module.
Instructions: Before reading the article, circle the words you do not think are associated with music and think about the reasons the words are or are not associated with music. After reading the article, strike through the words that are not associated with music and rethink the reason the words are or are not associated with music.

Transverse Waves Ocean Large Medium Molecules H₂O Longitudinal Compression Compacting Rarefaction Kinetic Energy Fractions Instrument Gas
Exclusion Brainstorming
Apply Egg Drop “Kinetic Energy” (goo.gl/9dLrWe)
Original Link: http://www.britannica.com/EBchecked/topic/318130/kinetic-energy

Instructions: Before reading the article, circle the words you do not think are associated with kinetic energy and think about the reasons the words are or are not associated with kinetic energy.
After reading the article, strike through the words that are not associated with kinetic energy and rethink the reason the words are or are not associated with kinetic energy.

Energy
Inertia
Potential
Erg
Jewel
Mosquito
Circle
High Speeds
Velocity
Joule
Half
Square