

CRITICAL THINKING ICEBREAKER VOCAB LIST

ACTIVITY INTRODUCTION

This critical thinking exercise requires students to choose between 2 objects to describe themselves. For example, have students first choose between the following to describe themselves: are you a hammer or a feather?

In choosing between the two, students need to think about the characteristics of a hammer and a feather. And, they also need to connect those characteristics to their own personality.

The following are sample lists for students in Grade 7, 8 or 9. Note: lists are based on NGSS concepts students should have covered in the previous grade. For example, Grade 7 lists are based on Grade 6 concepts.

GRADE 7 LIST

Erosion or Deposition
Convection or Conduction
Temperature or Thermal Energy
Evaporation or Condensation
Lipid or Protein
Prokaryote or Eukaryote
Ligament or Joint
Stomach or Brain
Macrophage or Antibody
Kinetic or Potential

GRADE 9 LIST

Inner Planets or Gas Giants
Asteroid or Comet
Photosynthesis or Respiration
Binary Fission or Conjugation
Producer or Decomposer
Closed or Isolated
Solar or Lunar
Frequency or Wavelength
Mutualism or Commensalism
Mitochondria or Nucleus

GRADE 8 LIST

Igneous or Sedimentary
Lithosphere or Hydrosphere
Transform or Divergent
Trench or Volcano
Alpha Decay or Gamma Decay
Longitudinal or Transverse
Reflection or Refraction
Transcription or Translation
Mitosis or Meiosis
Population or Community