# PHYSICS VOCAB MEMORY GAME

# The printable memory cards OpTIONAL OPTIONAL

# GOALS

Learn the language of physics!

Bonus: Improve your memory skills.

### PHYSICS MEMORY GAME

To create thicker cards that are easier to turn over, cut out pieces of thin cardboard that measure 2.5 square inches. Use glue to place the vocabulary cards on one side of the cardboard. Leave the other side blank OR print the physics icon pages and glue them to the reverse side.

### HOW TO PLAY:

Shuffle the cards and lay them on the table, face down, in rows.

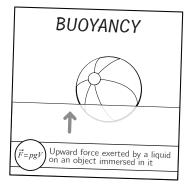
Each person picks one card and turns it over. If two people draw a match that match is set aside and each player picks a new card. The person with the card that comes first, alphabetically, is the person who will have the first turn.

On each turn, a player turns over two cards. If the cards match (such as two Gravity cards) the player puts that match in their pile. They then get to choose two additional cards.

When a player turns over two cards that do not match, those cards are turned face down again (in the same position) and it becomes the next player's turn.

Continue playing until all of the cards have been paired. The person with the most pairs at the end of the game wins.

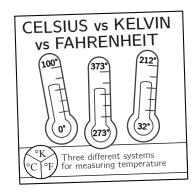
# ACCELERATION SIDUING DOWN SPEEDING UP CHANGING DIRECTION $\vec{a} = \frac{\Delta \vec{v}}{\Delta t}$ The rate of change of velocity

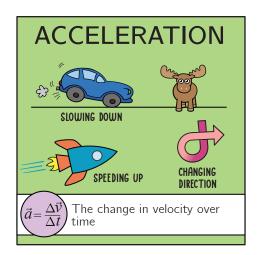


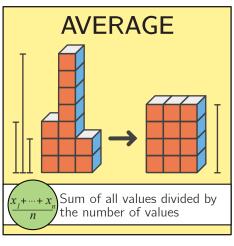
## **VARIATIONS:**

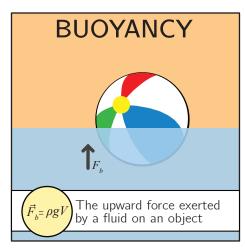
- 1. One and Done. Simply alternate turns until all of the cards have been paired. Players who find a match have no bonus turn.
- 2. Connection Extension. Each player can take two and only two turns if they use their vocabulary words in a sentence. For example, if a player chooses "acceleration" and "average" they could say, "The average horse has faster acceleration than the fastest human." Then they would turn over two additional cards for their bonus turn.

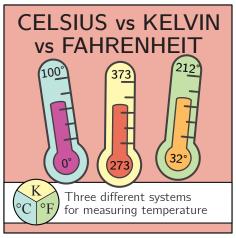
If the player cannot think of a sentence, they do not get to take their second turn. If the player chooses two words that match during their first turn, their sentence should use that word twice. For example, "The average houseplant thrives with belowaverage light."

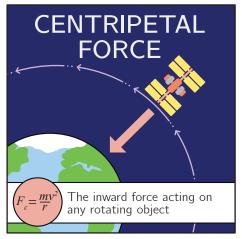


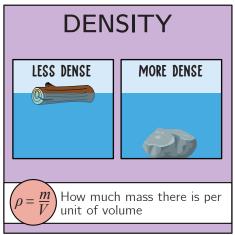


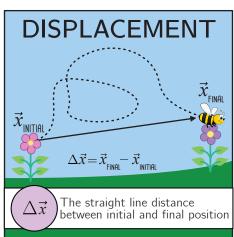


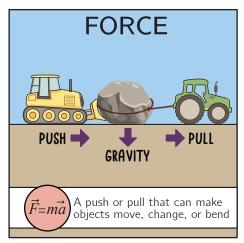




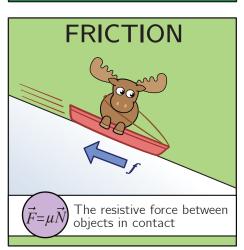


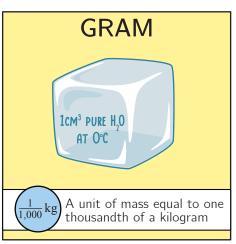


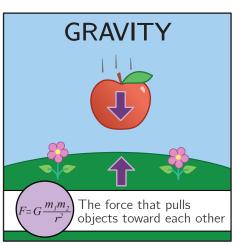


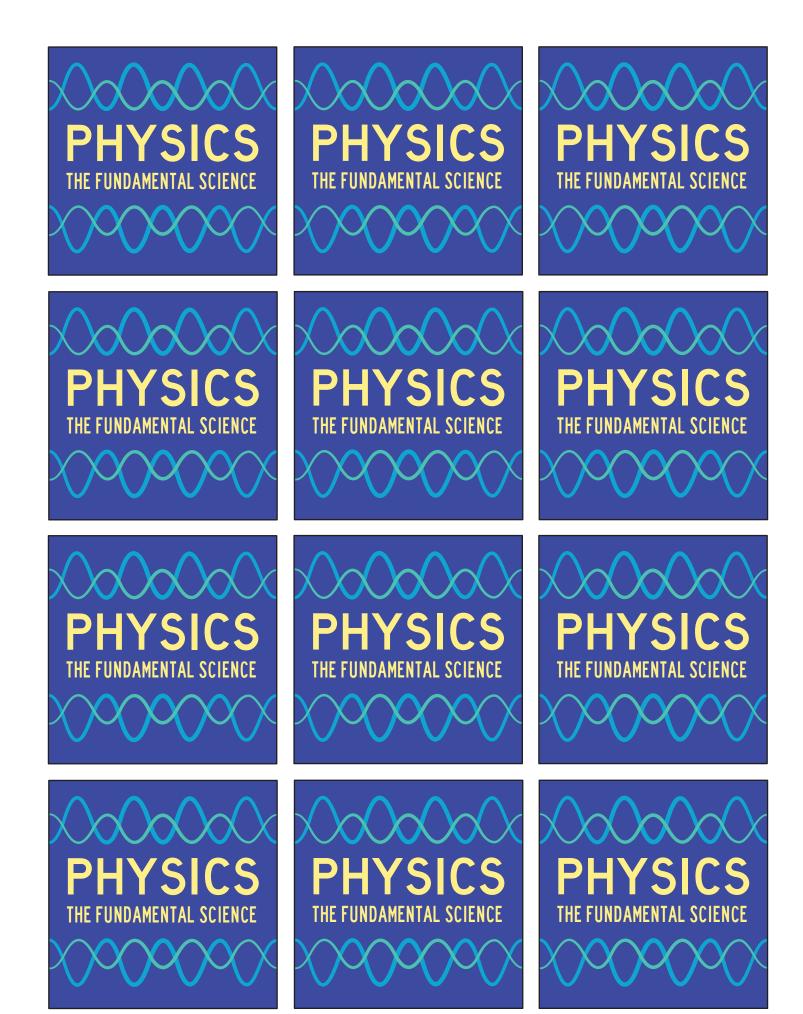


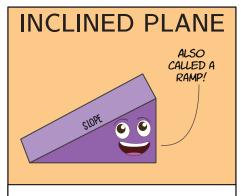




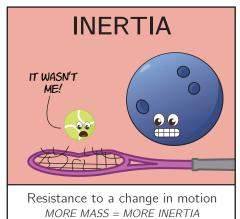


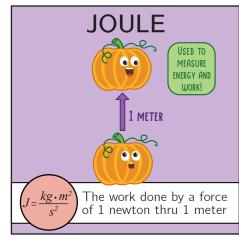


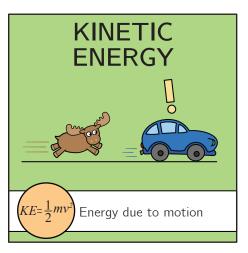


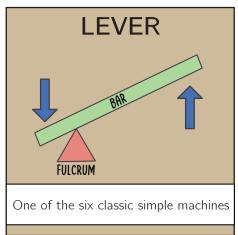


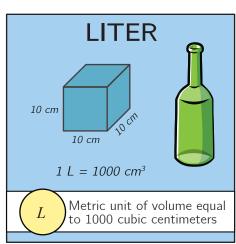
One of the six classic simple machines

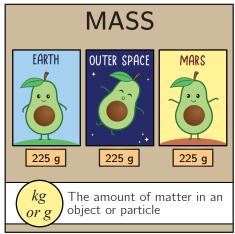


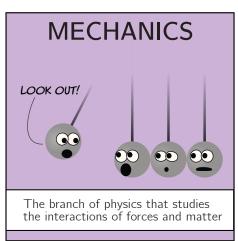


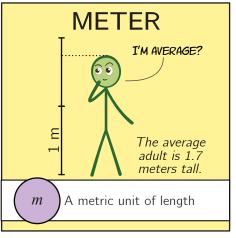


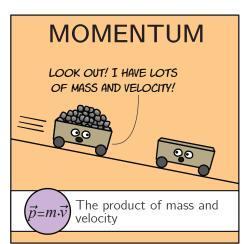


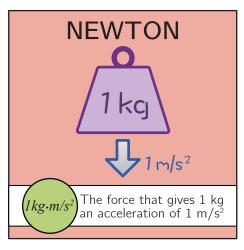


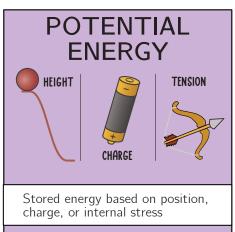


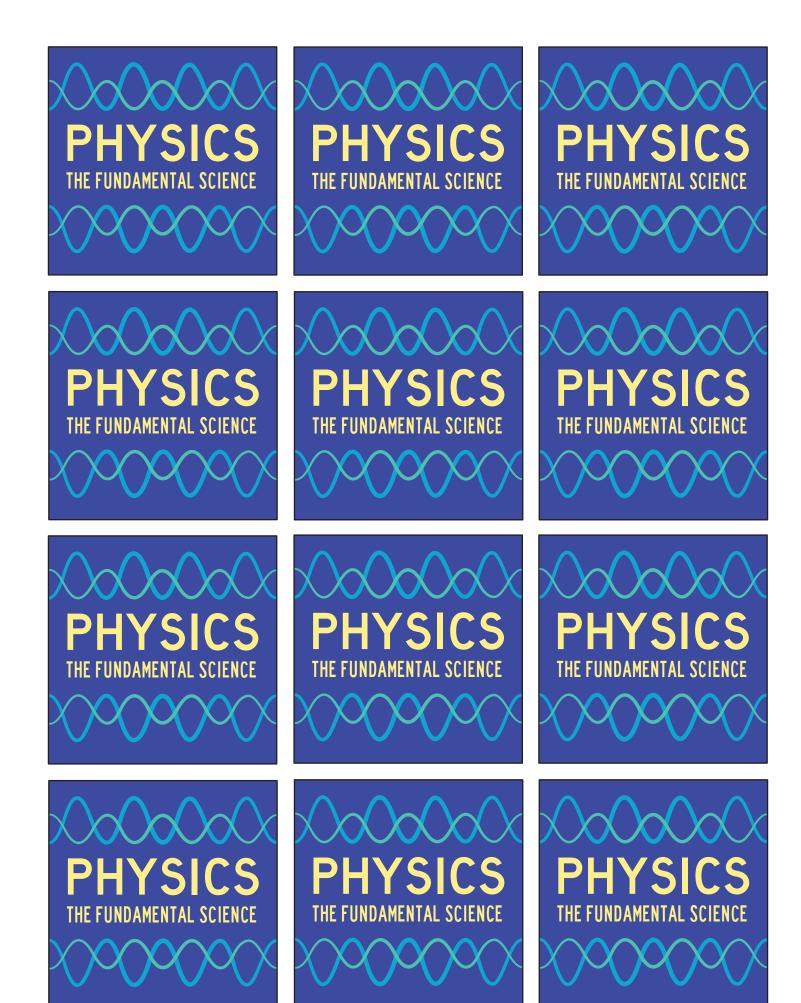


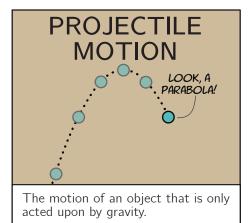


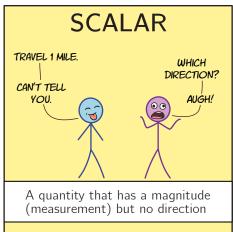


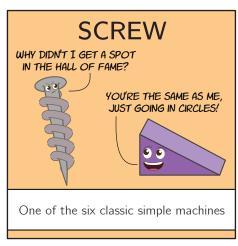


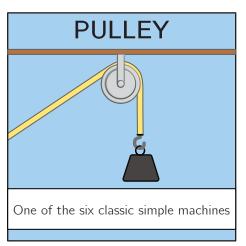


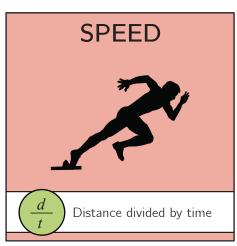


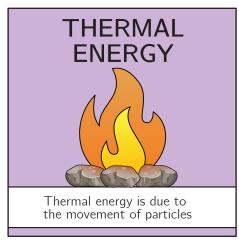


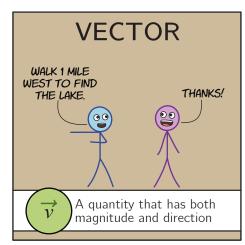


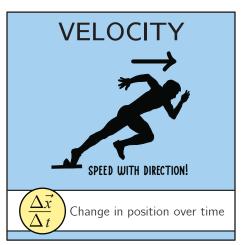


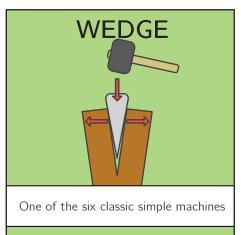


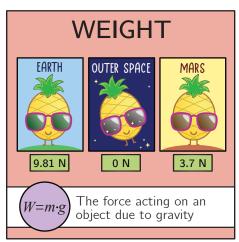


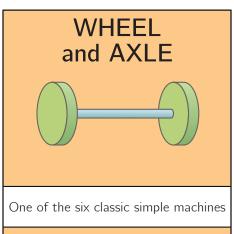


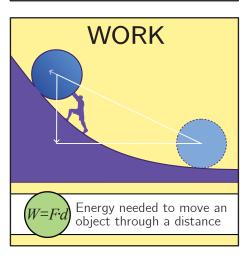


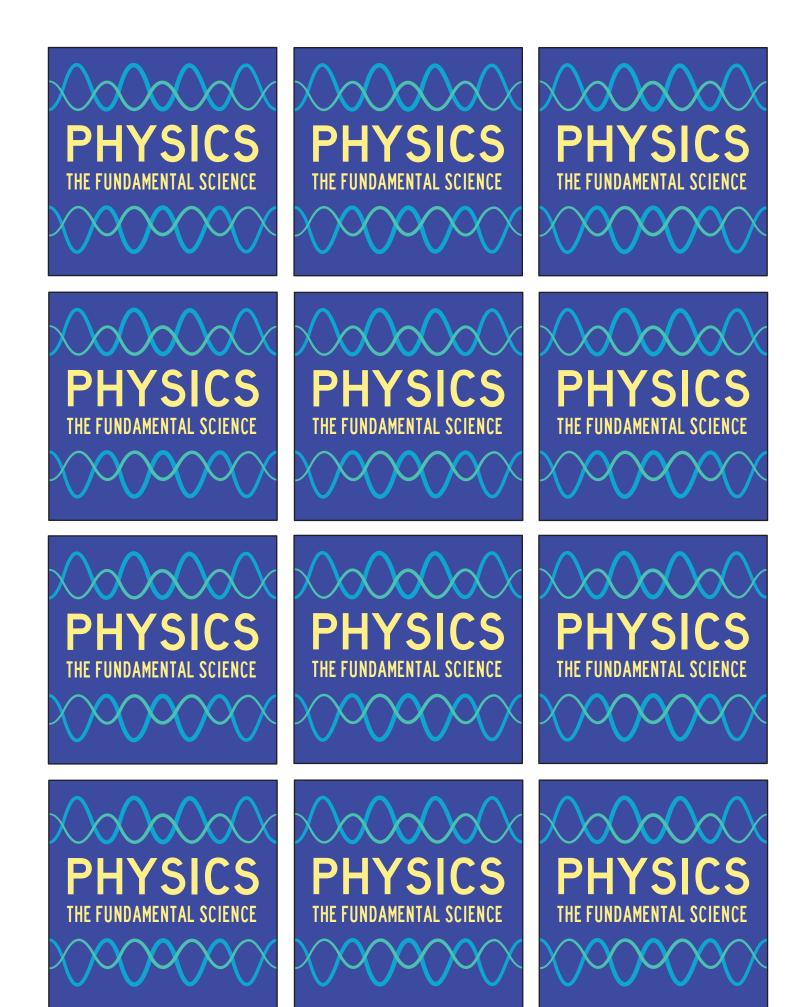


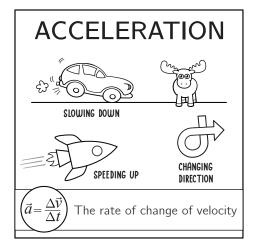


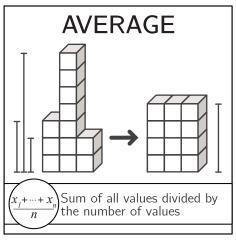


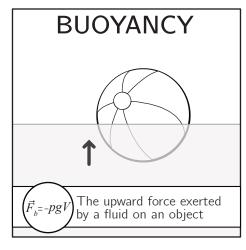


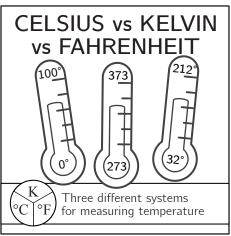


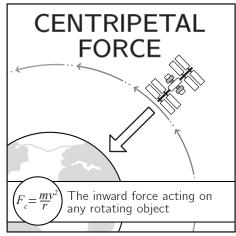


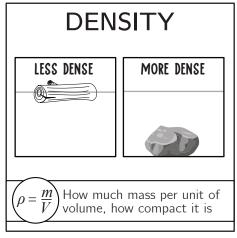


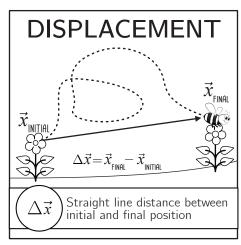


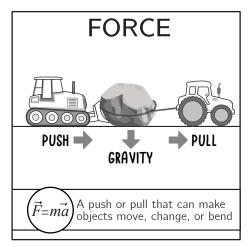


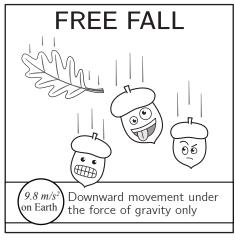


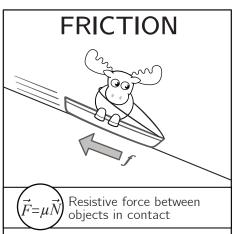


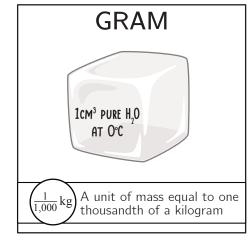


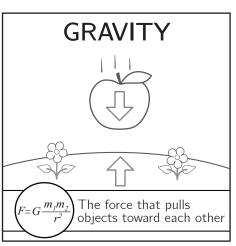


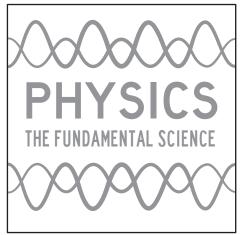


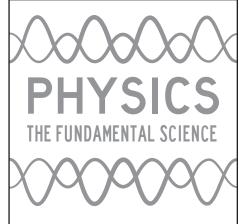


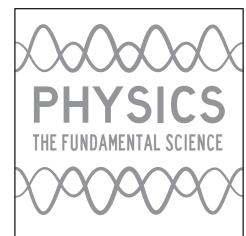


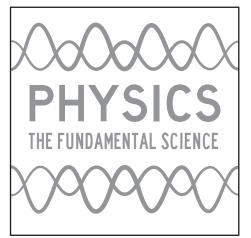


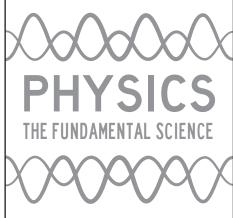


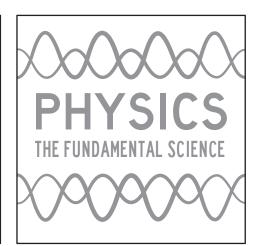


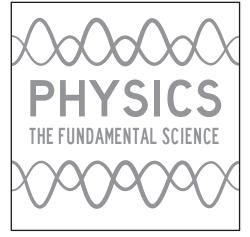


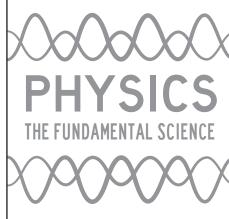


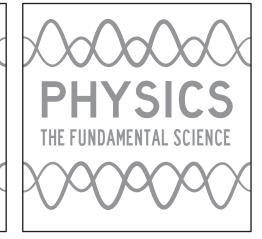


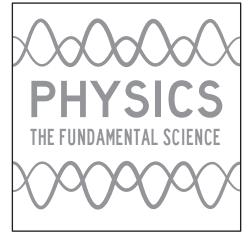


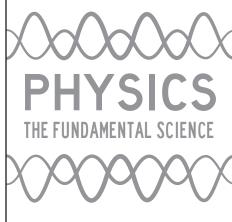


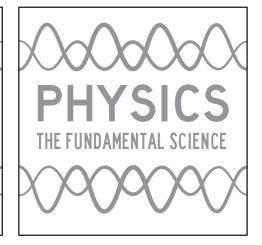


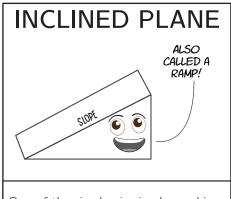












One of the six classic simple machines

