

Energy Transfer Card Game

Can YOU build the best energy systems and explain how they work?

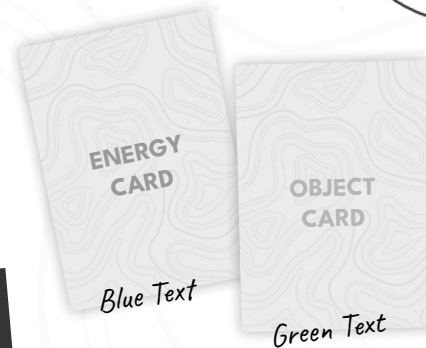


Your Goal:

Collect sets of three cards that show a complete energy transfer system:

Energy Card (different types of energy)

Object Card (a real-world item that uses this transfer)



Setup

1. Shuffle all cards.
2. Deal 3-5 cards to each player.
3. Place the rest face-down in the middle. (the "Energy Pool")

Winning

- Each valid set = 1 point.
- Bonus points for the most creative explanation or for connecting sets into a longer chain!

How to Play!

Choose one action to complete on your turn.

Action 1 - Draw:

Draw 1 card from the pool.

Discard 1 card back to the pool.

Action 2 - Make A Set:

If you have **two Energy Cards** that make an **Object Card** together, lay them all down!

BUT—you must explain out loud how the energy transfers.

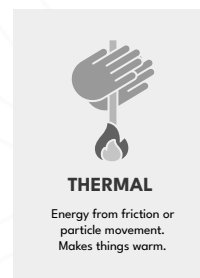
Example: "The solar panel changes light into electricity, which powers the fan to make motion."

Keep going until all possible sets are made or the pool runs out.

Example:



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A Complete System!

Extra Challenges!

3 Energy Combo: Can you make a set using three energy types before reaching the object?

Example: Mechanical > Electrical > Light (Bicycle Dynamo Light).

No Electricity Allowed: Make a set without using electrical energy at all!

Create Your Own: Use the blank object cards to think of other objects that can be powered with energy!

Score Tracker