

TEX d-ORBITAL **GAMES** **CARBON AS**

Rule Card

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INTRODUCTION

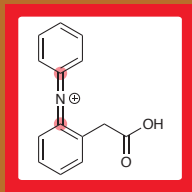


Everything is bigger in Texas, even their carbon atoms. Texas Carbon is a game designed for students who are beginning their adventure in organic chemistry. Players test their molecular structure identification skills by locating all the Texas Carbons (carbons with five covalent bonds) in the molecule shown on the Structure Card. Players must beat each other by being the first to write (DRAW) the number of Texas Carbons on their Draw Card that corresponds to the molecule on the Structure Card. Welcome to a fast pace, quick draw game fit perfectly for an organic chemistry classroom showdown.

CONTENT



Draw Card 4x



Structure Cards 41x

*Dry erase markers not included with the game

SET UP



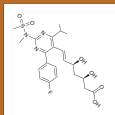
Player 2



1. Gather all 41 Structure Cards.
2. Assemble all the Structure Cards such that the red border is facing in the same direction.
3. Shuffle all 41 Structure Cards.
4. Stack the Structure Cards in the middle, with the red border of the card facing down.



Player 4



41 Structure Cards
(red border facing down)



Player 3



Player 1

GAME PLAY



1. Begin the round by selecting a player to discard the top Structure Card into the discard pile.
2. Once a new Structure Card is displayed, all players must draw the number of Texas Carbon they see from the molecular structure on their Draw Card.

The diagram illustrates a game round with four players and a shared Discard Pile. Each player has a Draw Card with a number written on it, and a pen is shown writing the number. The Discard Pile contains a chemical structure with the words "DISCARD" and "OLE" overlaid.

Player 2: Draw Card shows the number 1. Pen is writing the number 1.

Player 4: Draw Card shows the number 0. Pen is writing the number 0.

Player 3: Draw Card shows the number 2. Pen is writing the number 2.

Player 1: Draw Card shows the number 2. Pen is writing the number 2.

Discard Pile: A chemical structure with the words "DISCARD" and "OLE" overlaid.

Chemical structure in the Discard Pile: CC(=O)OCC1=CC=C(N1)C2=CC=CC=C2

GAME PLAY CONTINUE



- Once every player has drawn in their answer on their Draw Card, select a player to flip the Structure Card over on top of the stack of Structure Cards displaying the answer (red border side) while hiding the next Structure Card.
- The player who was quickest to draw the correct amount of Texas Carbon on their Draw Card wins the round.

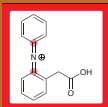
**TRY
AGAIN**



Player 2



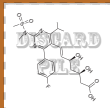
Player 4



WINNER



Player 3



Player 1

TOO SLOW

GAME PLAY CONTINUE



5. The winner of the round will then collect the Structure Card (red border facing up) from the stack in order to begin a new round.
6. Repeat steps 2 - 5 until all the Structure Cards are played.

SCORING

The player who wins the round collects the Structure Card played during that round. Each Structure Card is worth 1 point.

Alternative Scoring: If players provide an incorrect answer during the round, they must forfeit one of their Structure Cards (if available) into the discard pile.

WINNER

The player who collects the most Structure Cards after all the Structure Cards have been played is crowned the winner!

LEGAL

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