

#### Instructions

- 1. Carefully cut out each domino from the grid below.
- 2. Grab a score sheet and a Rules of Mexican Train Dominoes sheet to start playing!





#### Teacher's guide and lesson plan

#### **Learning with Mexican Train Dominoes**

Mexican Train Dominoes is a great game for grades 4-8, but can be adapted to higher grade levels with different questions.

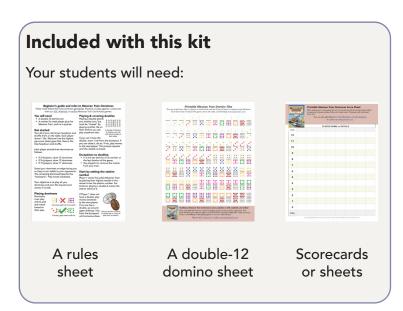
We've included some questions and answers for higher grade levels below.

This lesson plan assumes a 45-60 minute class period for grades 4-8.

#### **Learning Objectives**

By the end of this lesson, students will:

- Understand the rules of Mexican Train Dominoes
- Practice counting, addition, multiplication, and pattern recognition skills.
- Develop logic and strategy for gameplay.
- Work cooperatively and practice taking turns.





### Table and classroom arrangement

4-8 students can be at a single table. In a classroom of 24 students, 3 tables of 8 can work with one set of dominoes and rules, markers, and scorecards each.



Teachers can practice playing Mexican Train Dominoes online for free at MexicanTrain.com. You'll also find dozens of guides, tips, and other strategies.

MexicanTrain.com also features links to iOS and Android apps.

#### **Advanced questions**

Students in higher grade levels can benefit from these analytical questions:

- 1. What are the probabilities of drawing a domino with a 12 on it?
- 2. Model your reasoning for maximizing your chances of going out with the fewest moves.
- 3. Why do you think the game was called "Mexican Train" if it was likely developed in the U.S.? What are the implications of that?
- 4. How might loss aversion or risk tolerance impact a player?



# Reflection and questions for students

#### **Questions**

1.	Without couting individually, what's the fastest way to count how many dominos are here? How many are there?								
2.	Where do you think Mexican Train Dominoes came from? Hint: it's not Mexico!								
3.	Graph your scores over multiple rounds. What kind of chart did you use? How do scores compare with others?								
4.	Did you have any disagreements during the game? How did you handle those issues?								
5.	What strategies did you rely on to improve your chances of winning? Compare and contrast with other players and explain your strategy.								



# Mexican Train Dominoes Score Sheet

Write each player's names along the left column and record the number of pips (dots) on everyone's remaining tiles at the end of each round. The player with the lowest score wins.

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	-					
	7					
	m					
	4					
	Ю					
ROUNDS	•					
ROU	7					Ī
	œ					
	6					
	10					
	-					
	12					
	PLAYER NAME					

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# Beginner's guide and rules to Mexican Train Dominoes

These rules follow the most common gameplay. Practice or play against a computer with our <u>iOS</u>, <u>Android</u>, or <u>online</u> Mexican Train Dominoes games.

#### You will need

- A double-12 domino set
- A marker for each player plus the Mexican Train, such as a quarter.

#### **Get started**

Turn all of your dominoes facedown and shuffle them on the table. Each player draws 1 tile. Whoever has the highest pip-count (dots) goes first. Return the tiles facedown and shuffle.

Each player should draw dominoes as follows:

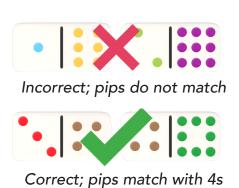
- If 2-4 players, draw 15 dominoes
- If 5-6 players, draw 12 dominoes
- If 7-8 players, draw 11 dominoes

Stand your dominoes on edge facing you so they're not visible to your opponents. The remaining dominoes become the "boneyard". Play moves clockwise.

Your objective is to play all your dominoes and earn the lowest score across 3 rounds.

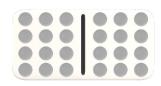
# **Placing dominoes**

Dominoes must play end-to-end and match based on their pips.



# Playing & covering doubles

Playing a double grants you another turn, but must be "closed" by playing another tile on them before you can play anywhere else.



A double-12 domino.
A double is any tile
with identical pips on
both sides.

If you can't close the double, draw 1 tile from the boneyard. If you can close it, do so. If not, play moves to the next player. This process repeats until the double is closed.

# **Exceptions to doubles:**

- It is the last domino of its number or the last domino of the game.
- You played it to remove the marker from your train.

# Start by setting the station number

Player 1 starts the public Mexican Train by placing their highest double in the center to set the station number. For instance, playing a double-6 means the station starts at 6.

If Player 1 does not have a double, play moves clockwise to the next player. If no one has a double, go around again drawing 1 tile from the boneyard until someone does.



Using a quarter or penny is a great way to mark an open train or station.

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# Each player's first move & opening private trains

Once a player opens the public Mexican Train, each player begins their own private train of dominoes by laying a tile that matches the station number. In our example starting at 6, a player must match the 6.

If a player cannot start their train, draw 1 tile from the boneyard. If you still can't play, place a marker, such as a quarter or other coin, at the end where your tile should be. Play repeats and moves to the next player clockwise.

# Starting the Mexican Train

The public Mexican Train begins on an empty line that matches the station number (i.e., 6) in the center or shared between players. It is open to every player and can be started any time after the first round of turns.

# Next moves and plays

On each following turn, one domino is played per turn unless a double is played, allowing for two turns.

On your next turn you can:

- Play on your own private train. If a marker is on your train, you can remove it once you have played on your own train.
- Play on the public Mexican Train.
- Play on another player's private train only if they have a marker on it.

If you can't make a move, draw 1 tile from the boneyard. Each player must place a tile on each move or else place a marker indicating their train is open. If the train is already marked, leave it marked.

# Scoring

The game ends when the first player runs

out of dominoes and grants them a score of 0. All other plays add up the number of pips (dots) on their remaining This 6-2 tile has 8 pips dominoes.



total and is 8 points. The lower your score the better!

Reset and play two more rounds. The person with the lowest score after all three rounds wins.