# HJALMAR HACH \& LORENZO SILVA 




## GAME OVERVIEW

A game of Railroad Ink ${ }^{\mathbf{T M}}$ is played over $\mathbf{7}$ rounds. The goal is to connect as many Exits to each other as possible by drawing Routes that can create Networks. The more Exits you connect to the same Network, the more points it will be worth. Bonus points can be earned for your Longest Railway, your Longest Highway, and by drawing on the Central Spaces of your board.


## SETOP

1. Each player takes a Board and places it in front of them.
2. Each player also takes a marker.
3. Place the Route dice in the middle of the table.
4. The Meteor and Lava dice are only


## GAME RONNOS

At the beginning of each round, the Route dice are rolled once. The results of the roll will determine which Routes all players must draw that round. After the roll, all players play simultaneously, drawing the Routes rolled on their own boards.

## ROLLING DICE

Take the Route dice and roll them in the middle of the table. Place the dice so they are easily visible to all players.


| $\square$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |$x$



## DRAWING ROUTES

After the dice roll, all players must draw the Routes on their boards at the same time. There are a few drawing rules you need to follow: 1. Each Route you draw must be connected by at least one side to either one of the Exits or a preexisting Route. If you can't connect a Route, you can't draw it.
2. You must draw all 4 Routes shown on the dice each round (if possible, and each Route showing can only be drawn once, of course).
3. You can't draw Routes in a way that directly connects Railways to Highways or vice versa (you need a Station to do that).

Important: When drawing Routes, you can freely rotate and/or reverse the
 pattern you see on the die.


## USING SPECIAL ROUTES

Each player can also use 6 Special Routes, displayed in the top part of the boards, that do not appear on the Route dice. These Routes may allow you to connect different Networks together and/or make bigger Networks.

You may draw a Special Route once per round, in addition to the Routes shown on the Route dice, but you may use each Special Route only once per game. After you use a Special Route, you must mark it off on your board as a reminder that you can't use it again.

Also, you can only use up to 3 Special Routes during the entire game (and remember, only 1 per round).

## END OF THE ROUND

Once all the players have drawn all of the available Routes, the round ends.

Each player must mark the spaces where they drew Routes this round by writing the number of the current round in the white boxes of each space they drew on. You can never erase the Routes you drew in a previous round.

After that, roll the Route Dice to start the next round.

ENO OF THE GAME
The game ends after the $\mathbf{7}^{\text {th }}$ round. Now it's time to count your score! Each player counts the points they earned for their connected Exits , their Longest Railway and Longest Highway, and the Central Spaces they drew on, marking their points on the designated spaces of the Scoring Table on their boards. For more details, see the next page.

Then, each player must check for incomplete Routes. Each end of a Route that does not connect with any other Route or the outer edge of the board counts as an Error. Mark each one of these Errors with this symbol: ©. You lose 1 point for each Error on your board. Mark these penalty points on the matching space of your Scoring Table.

Note: If you are playing with an Expansion (see page 10), mark any additional points on the expansion space of your scoring board.

Finally, add up all the points you earned (subtracting any points from Errors) and write your total score on your Scoring Table. The player with the most points wins! In case of a tie, the winner is the player with the fewest Error marks on their board. If they're still tied, the victory is shared.


Scan the QR code to download a print-and-play game board!

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## HOW TO SCORE POINTS CONNECTING EXITS 企

Connecting Exits is the main way to score points in Railroad Ink ${ }^{\text {TM }}$. At the end of the game, each set of Exits that are connected to each other via the same Network of Routes is worth a number of points determined by the number of Exits connected together, as shown on the Network Values on your Board.


Note: Overpasses only allow you to make two of your Networks cross each other, but they don't create a connection between the two.
$-\diamond-$
Note: You can use Stations to connect Railway Routes and Highway Routes to each other.


Network Values

| 人 | 2 | 3 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 3 | 6 | 7 |  |
|  | 4 | 8 | 12 | 16 | 20 |

Example: Dagmar's board at the end of the game has 2 Networks. One (A) connects a total of 4 Exits and is worth 12 points. The other ( $B$ ) connects 6 Exits and is worth 20 points. They score 32 points for their Networks!

## BONUS POINTS

While the points you get for connecting Exits may end up being the bulk of your score when you add up points at the end of the game, do not underestimate the importance of the bonus points you can earn from your Longest Highway, Longest Railway, and Central Spaces.


Your Longest Highway is the longest unbroken streak of adjacent spaces where you drew Highway Routes that are connected to each other (not counting any loops or branches), such as the route marked in blue to the right. You score 1 point for each space that makes up your single longest Highway branch. Stations do not interrupt your Highway. This example show a Longest Highway of 8 spaces.


Your Longest Railway is determined the same way as the Longest Highway,, only counting Railway Routes instead of Highway Routes, like the one marked in red to the right (worth 5 points).

回Your Central Spaces are the 9 spaces in the middle of your board. You score 1 point for each Central Space you drew anything on.



If you have two Longest Routes (with the same number of spaces), only 1 counts towards your final score.

## EXPANSIONS *

Once you feel confident enough with the ins and outs of Railroad $\operatorname{In} \boldsymbol{k}^{\text {MM }}$, you can spice things up by using 1 of the 2 optional Expansions included in this box.
If you play with an Expansion $*$, you must roll the respective Expansion dice along with the 4 Route dice at the beginning of each round. In addition, the Expansion may change the number of rounds you must play and give you new ways to score points.
During the game, follow the same rules as the regular game with a few changes, as described on the following pages.

At the end of the game, when you add up your score, remember to count the points you earned from the Expansion $\star$ you're using, and mark them in the designated space of your scoring table.


## METEOR DICE

- 6 ROUNDS

Meteors will wreak havoc and destruction, but they also bring precious minerals and ores to Earth. 1 Meteor will hit each round, creating a Crater on your Board and destroying any Route it hits. But, if you lead Routes into the Craters, you can gather precious resources and gain additional points. When playing with the Meteor Expansion $\star$, apply these changes to the regular game rules:
$\diamond$ The game only lasts 6 rounds.
$\diamond$ One of the Meteor dice shows a direction and the other shows distance. They show you where the Meteor will hit next, counting from the last space a Meteor hit. On the first round, count from the Central Space.
$\diamond$ When the Meteor hits a space, you must draw a Crater inside of it. If any Route was drawn inside that space, you must erase it. $\diamond$ Mark the space hit by the Meteor by drawing a dot in the top left corner, as a reminder. Always erase the dot from the space hit in the previous round!
$\diamond$ If, while moving towards its next target, the Meteor reaches the edge of the Board, it bounces and proceeds in the opposite direction to complete its movement.
$\diamond$ If the Meteor will hit a space that already contains a Crater, it keeps moving in the same direction until it can hit a Free Space. If by doing so it would hit outside of the Board, it bounces.
$\diamond$ At the beginning of the round, you can mark an available Special Route on your Board to ignore the Meteor dice this round (it counts as using a Special Route).
$\diamond$ At any point during the round, you can erase a Crater to draw a new Route in its place.
$\diamond$ At the end of the game, you gain 2 points for each Route that has an open end connected to a Crater (these open ends don't count as Errors either, of course).



Example: Moving 2 spaces to the left (A), the Meteor hits the straight Railway Route, which must be replaced by the new Crater (B).


Example: The Meteor should move 3 spaces to the left, but it reaches the edge of the board after just 1 space. So it bounces back and moves 2 spaces to the right. This would make it land on a Crater though, so it moves 1 space more.


Example: You can erase a Crater (A) to draw a Route in the same space (B). If it is the last space hit by the Meteor, do not erase the dot! It will remind you where the Meteor will start from next round.

## LAVA DICE

Volcanoes start erupting, but the Route building must go on! Work your way around lakes of Lava and prevent them from destroying your Routes. Confine the Lava streams to gain extra points. You also score additional points for the Largest Lava lake on your Board. When playing with the Lava Expansion $*$, apply these changes to the regular game rules:
$\diamond$ The game only lasts 6 rounds.
$\diamond$ At the beginning of the game, draw a Volcano in the Central Space of your board.
$\diamond$ When you draw Routes, you must draw at least 1 Lava die (you can also draw both if you want. You still have to use all 4 Route dice).
$\diamond$ The Lava dice you draw must be connected to pre-existing Lava.
$\diamond$ At any point during the round, if you want, you can draw a new Volcano in any space as long as it is not adjacent to pre-existing Lava.
$\diamond$ If there are no free spaces adjacent to open Lava lake sides, you must either open a new Volcano or erase a Route to make space for it.
$\diamond$ Open Lava lake sides count as Errors at the end of the game.
$\diamond A t$ the end of the game, you get 5 points for each Lava lake without open sides. You also get $\mathbf{1}$ point for each space occupied by your Largest Lava lake (even if it is not closed).

Example: Giulio has two Lava lakes on his Board. The one in the top left corner
 is closed (the sides connected to the edges of the Board are assumed to be adjacent to more Lava) and is worth 5 points. The Largest one in the middle has 1 open side, so it's worth 11 points, 1 for each space.


Example: Giulio must drow the mandatory Lava space for the round, but he only has lopen Lova lake side left. He doesn't want to open another Volcano, so he musterase the station to create space for it.


