

# Game Rules

**OBJECTIVE:** PROVE A TECTONIC PLATE THEORY.

**HOW TO** TO PROVE A TECTONIC PLATE THEORY, YOU MUST SPEND FUNDING POINTS ON EQUIPMENT POINTS. WITH CERTAIN AMOUNT OF EQUIPMENT AND FUNDING POINTS (IT'S SPECIFIED ON SAID PLACE CARD)

## TRADING RATES

TRAVEL TO FUNDING IS TRAVEL ANYWHERE ON THE MAP : 1 FUNDING POINT

TO RESEARCH A THEORY YOU MUST ROLL THE 4 SIDED DIE TO DECIDE HOW LONG THE RESEARCHING TAKES. WHATEVER NUMBER YOU GET, THAT'S HOW LONG IT TAKES TO RESEARCH.

# Board Game Rules

## THE OBJECTIVE OF THE GAME

The objective of the game is to become the first person to have x proof points to prove Plate Tectonics. The amount of proof points needed to win varies on the amount of players playing.

How many points to win

2 players = 10 points

3 players = 9 points

4 players = 7 points

There are \_\_ proof points that you can get.

## HOW THE GAME IS PLAYED

On their turn, a player will do several things. First, go to a country for funding by moving their character piece to a place on the map Second, they roll a 6 sided die and get funding points according to the funding table. Thirdly, the player will draw a research card from the deck. Each card has a cost, location and point value, the cost is how many Funding Points it takes to research it, the location is simply where it is, and the point value is how many points it gives one you finish researching it (example below). When researching a card, you must spend 1 funding to travel there, and pay the cost written on it to be able to start research. Once you pay for it all, roll the four sided die. Whatever number comes up is the amount of turns it takes to research.

### EXAMPLE TURN!

I started off by Pulling a research card. I got Fort Greys Island. So, I went to Usea for funding and rolled a six, so I got three funding points. Add that to the free starting funding point and I have four funding points. Since I have enough funding points to research it I will. Next I rolled the four sided die and got a 2. For the next two turns I can't do anything, but I'll get two proof points. Then, I explained what one of the science concepts on the card mean and now it takes me one less turn to research that location.



Other locations include Prospero, Comona Islands, and the Razgriz Straits

You roll every turn for funding.

## Funding table

Dice Roll	Funds Procured
1	Lose 1 Funding Point
2	No Funding
3	No Funding
4	1 Funding Point
5	2 Funding Point
6	3 Funding Points

You start with one funding point

At the start you can choose anywhere on the map to go.

If you get negative three points, you DIE!!!!!!

## Probability examples

Chance of being able to afford something on round 1

Chance of getting enough funding x chance of getting an affordable card 3 - 4 funding points

$$2 / 6 \times 7 / 10 = 14 / 60$$

Chance of getting an proof points by round 3

Chance of getting enough funding x rolling a one with the d4 = 2 / 24

$$2 / 6 \times 1 / 4 = 2 / 24$$

Chance of dying by round 4 = 1 / 1296

$$1 / 6 \times 1 / 6 \times 1 / 6 \times 1 / 6 = 1 / 1296$$