

# The Fibona-chacha

(Fibonacci meets the Electric Slide!)

Now here's a dance that EVERYONE can do!

The Fibonacci Sequence can be found in many situations where you track the different ways to accomplish a task. One fun way to see this in action is to navigate through our cha cha dance floor!

You can try this by drawing directly on this page, or for an EXTRA level of fun, reproduce the dance floor graphic on the floor with tape. (Just be sure to pull it up quickly- we spent hours scraping tape goop off of our classroom floors!)

Start with your pencil or your body at point A.

To find Fibonacci, simply figure out how many different ways there are to get to each of the other points.

The rules:

1. You may move down or sideways
2. You may NOT move upwards at all!
3. Each unique path counts as a possibility

To begin, figure out how many ways there are to get from A to B.

