**Optional BUT FUN Activities for the week of April 13th**

1. MAKE A CORONA VIRUS KNOCK KNOCK JOKE. Save it so you can share it later this week. ☺

**What is a Fibonacci sequence?**

**These are so intriguing to me and I hope you enjoy them, too!**

1. **Watch these videos to learn about Fibonacci sequences.**
   1. <https://www.youtube.com/watch?v=nt2OlMAJj6o&feature=emb_logo>
   2. <https://www.youtube.com/watch?v=ahXIMUkSXX0>
   3. <https://www.youtube.com/watch?v=lOIP_Z_-0Hs>
2. Go outside and find some Fibonacci patterns in nature. Do bugs have Fibonacci patterns in them? If so, which ones do? Which ones don’t? Photograph or draw what you found and share your picture with the group—on Dojo or in the It’s Learning Chat Box.
3. **Draw a rectangle using the Fibonacci Sequences with the Centimeter Grid paper here. If you don’t have printer capabilities, then just draw the rectangle with a ruler the best you can.**

**<https://mathbits.com/MathBits/StudentResources/GraphPaper/CentimeterFullPage.pdf>**

**Here are steps for drawing the rectangle with Fibonacci numbers. You just need to look at steps.** [**https://www.wikihow.com/Draw-the-Golden-Spiral**](https://www.wikihow.com/Draw-the-Golden-Spiral)

1. **Draw the Golden Spiral. Can you do it? Show me.**
2. **Draw a Fibonacci Spiral with pinecones, flowers, etc. like the lady draws in the video. Show me!**