

# Post-Lecture Activity

## **Finding Fibonacci**

Grab your camera and go out into the world and find the Fibonacci sequence and the Golden Ratio in the world around you! Print off the pictures or use editing software to draw over the pictures with the spirals and patterns you find.

## **Exploring Fractals**

Find a spirograph (or use an online one) to try different combinations of gears and see what patterns you can create.

Create your own sequence / pattern and try to represent it through drawing (like the Koch Snowflake).

Grab your camera again and look for fractals in nature. Draw the patterns over top of your pictures.