



## Conway's Game of Life

Instructions:

1. Click the link below
2. If you ever get stuck: just click the Reset button
3. The yellow squares are "alive"; the gray squares are dead
4. Click a gray square to turn it yellow (alive); click a yellow square to turn it gray (dead)
5. Click the EXPLANATION button to see the rules that determine how the patterns change over time

Link: <https://playgameoflife.com/>

## Fractal Generator

Instructions:

1. Click the link below
2. If you ever get stuck: just click the Reset button (bottom right)
3. Click and drag to make a rectangle for zooming in
4. Try all the different types of fractals

Link: <http://usefuljs.net/fractals/>

## Bouncing Ball Machines

Instructions:

1. Click the link below
2. If you get stuck: just reload the web page
3. Click the tool/wrench button in the top right to show the available objects (you can "scroll" down to see more)
4. Click an object to put it in your machine; you can move and rotate the objects
5. Try to get the balls to go out the exits
6. Raise your hand if you'd like us to show you some examples

Link: <https://xkcd.com/2916>