

## STEM@CGI At Home

“STEM@CGI At Home” offers weekly STEM based activity packs with practical STEM activities for children. **Get your family involved, learn and have fun!**

### Science!

Science forms the world around us, allowing our lives to advance and quality of life to improve. Biology allows us to learn about living organisms such as animals, plants and even humans! Chemistry tells us what things are and how they work, why does a cake rise in the oven? How does my stomach digest food? Chemistry helps to answer these questions. Physics looks at forces and how and why things move. Physicists will help to design rollercoasters, making sure that they are safe for people to ride.

This week, you will test your brain with the online game ‘Memory’.

## THIS WEEK’S ACTIVITY – MEMORY

### Introduction

In this project, you will create a memory game in which you have to memorize and repeat a random sequence of colors!



[Access this activity.](#)

### What you will need

A computer capable of running Scratch and Scratch 3 software (either [online](#) or [offline](#)).

### What you will learn

In this activity, you will learn how to add sound to your Scratch project, how to create and use lists to store data and how to create and use custom blocks for repeating code.



## BONUS ACTIVITY

Last week, we introduced you to [Tinkercad](#), a 3D design software. This week we will have the opportunity to deepen your knowledge of this software. In the next few weeks, you will be able to design 3D objects.

1. Login in [Tinkercad](#)
2. Menu: Learn > Start learning 3D > Learn more 3D > Scroll down and click on “Show all 3D Starters”

**Stay healthy and safe!**