STEM@CGI at Home

HALLOWEEN!

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

Join the spooktacular STEM fun and complete our fangtastic activities to keep the little monsters educated and entertained this Halloween! In this pack, children will code a ghost catching game with Scratch, undertake a pumpkin science experiment, and play Spooky Bingooo!

GHOSTBUSTERS?

Introduction

In this project, you are going to use Scratch to make a ghost-catching game!

What you will need

A computer capable of running Scratch 3 software either online or offline.

What you will learn

You will learn to understand the need for pauses between actions within loops, how to use code to generate random numbers in Scratch and how to add a variable to store a game score in Scratch.

Access the activity.

PUMPKIN SCIENCE EXPERIMENT!

Create your own self-inflating pumpkin with this quick and easy science experiment!

You will need:
- 1 Balloon
- 1 Plastic Bottle
- Felt Tip Pens
- Baking Soda
- Vinegar
- Food Colouring

Access the template for this activity.

SPOOKY BINGOOO!

Test your family's maths skills with our Spooky Bingo game! Compete against up to 7 other players as you test your maths skills in our Halloween themed bingo game.

Access the template for this activity.

For more fun activities visit our webpage : **STEM@CGI At Home**

Stay healthy and safe!

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