



**CGI**

Binary

Thank You Card

Virtual Lesson

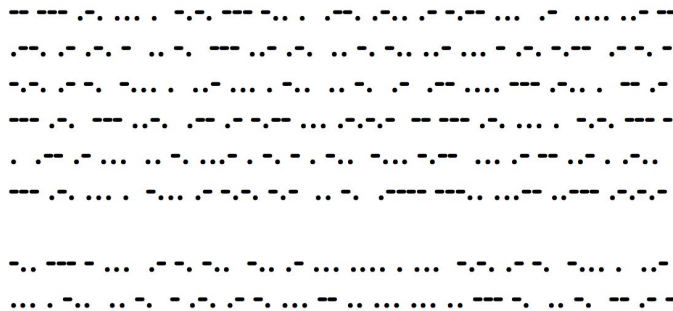
**STEM@CGI** AT HOME



# Virtual Ground Rules

- Keep your lines muted when you are not speaking
- Allow others to finish what they are saying before you begin to speak. Only 1 speaker at a time.
- Post questions in the chat!

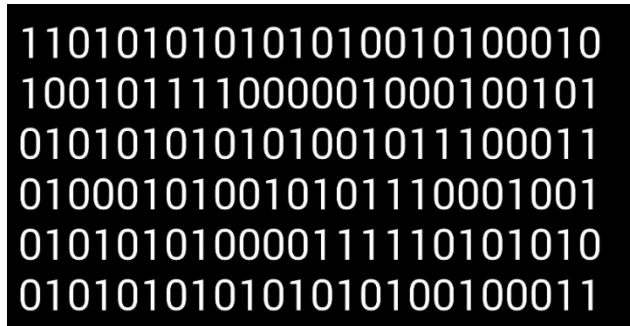
# How do computers think? – Using Binary!



Morse Code



Braille



Binary

# Today's Activity

Let's create **Thank You** cards for our workplace superstars!

## What you will need:

- Construction paper
- Crayons or markers
- Glue or tape
- Think about two things you can draw to represent your 1s and 0s

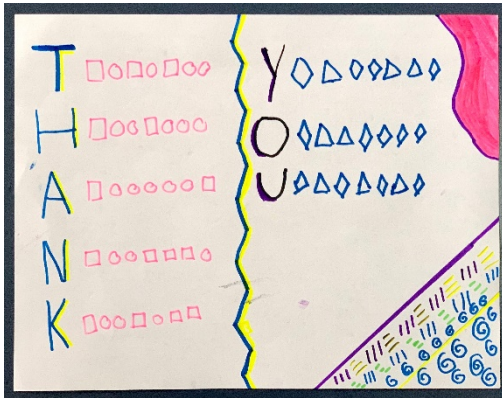


# First Steps:

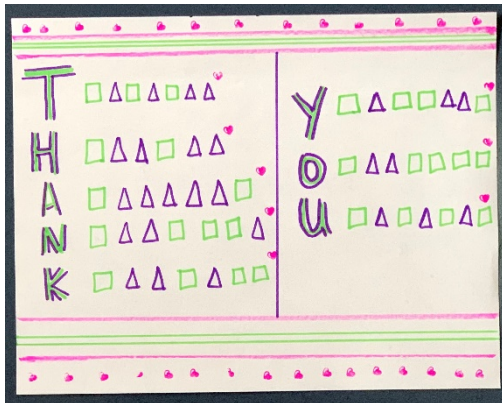
1. Fold your card in half
2. Decide who you would like to write a thank you card too
3. Decorate your thank you card's cover



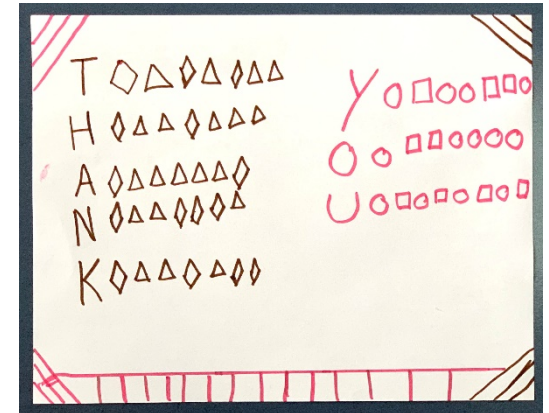
# THANK YOU in binary code



T 1 0 1 0 1 0 0  
H 1 0 0 1 0 0 0  
A 1 0 0 0 0 0 1  
N 1 0 0 1 1 1 0  
K 1 0 0 1 0 1 1



Y 1 0 1 1 0 0 1  
O 1 0 0 1 1 1 1  
U 1 0 1 0 1 0 1





## **Our commitment**

We are passionate about helping students in our communities become the next-generation of information technology professionals.