



# CUTOUT4CS

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*A mathematics & computer science professional development program coordinated by*



# *Stop & Jot 1*

What comes to mind when you think of the term "computer science."

# *Stop & Jot 2*

What is your biggest "byte" about computer science and computational thinking? How are you thinking differently?

# The Cookie Factory

Now that the decorating machines are restocked with icing, they are ready to be used. The factory wants to be sure that they know what type of cookies will be created. The machine is programmed to decorate 20 cookies in the following way: Icing is placed on every second cookie, sprinkles are added to every third cookie, and chocolate is added to every fourth cookie. What cookie types will be produced and what patterns do you notice? Be sure to represent your thinking with a model and record your thinking for other mathematicians to understand.

## Criteria for Success:

- Create a visual representation/model
  - Represent your ideas numerically
    - Identify Patterns

## *Stop & Jot 3*

What other connections can you make between lesson 1-3 & CS/CT

## *Stop & Jot 4*

What is your biggest “byte” from the session?  
What are you thinking about differently?