



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Project/Unit: A Glimpse into Cyber Security

Lesson: 3

*Use the activity grid and corks to convert the decimal numbers below into 6-bit binary codes.*

Decimal Number	Binary Code
51	110011
37	
62	
16	
25	
40	
57	
60	

*Write a short sentence below (2-4 words long). Use the ASCII table to identify the decimal value assigned to each letter. Convert each decimal value into binary code.*

**Use the space below to record your work. Remember to use hyphens or other symbols to indicate spaces between letter codes and words.**



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**Reflection: Answer the questions below using what you learned from in lesson.**

*What are bits? What are bytes?*

*What is the language used for data transfer between digital devices/computers?*

*Write a detailed response to this prompt: "I can speak computer because ..."*