



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 ..."