U2 Challenge - Reflection Questions

As you work on your challenge reflect on the process and prepare to share your insights with other teachers.This page is for writing down notes. You should capture your responses on the 1 Page Overview Template.

Question & Reflection Notes
I enjoyed helping the students understand what bits and bytes are and explaining how ones and zeroes can be used to represent many things.
Students struggled understanding that each 5-bit byte represented a single character.

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I was afraid this would be too basic for my students, but they actually enjoyed it.
This lesson requires worksheets with binary cards and activities.

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Problem solving is emphasized because students had to apply a foreign concept (a system other than decimal) to their familiar system.
This lesson explains how computers convert and store data.

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The csunplugged site contains good resources for this lesson? See http://csunplugged.org/wp-content/uploads/2014/12/unplugged-01-binary_numbers.pdf
I used the resources suggested by ESC Teacher Guide.

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The teacher's guide provides extensions. I haven't had a chance to use any yet.
Precut the binary cards.