

## Lesson #?: Title of the Lesson

### Overview

Provide a general overview the lesson. Include teaching tips here, if any.

Students will understand how to create binary and decimal numbers using a numbering chart.

### Lesson Summary

- Provide an overview of the various parts of the lesson (especially important if you suggest changing the lesson sequence)
- Then, list the lesson sequence. First activity - Second activity, etc.
- Introduce the concept of binary numbers by having students walk
  - Have students convert everyday numbers to binary.
  - Have students to create binary numbers.
  - Have students to convert binary numbers to decimal numbers.

Documents Links

<F:\IDT 2014-2015\Unit 7- Programming\Binary Chart 2.docx>

<F:\IDT 2014-2015\Unit 7- Programming\Binary Presentation.pptx><F:\IDT 2014-2015\Unit 7- Programming\Binary Student Copy 11 4 2015.docx>

### CS Content

Provide a brief overview the CS content covered in this lesson. The content covered relates to the binary number system and how to count in binary.

### Objectives

Students will be able to:

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### Materials and Prep

- Binary Grid Sheet
  - Activity Sheet 1
  - Activity Sheet 2
  - Binary Numbers
- PowerPoint
- ASCII Sheet
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### Resources

#### Student Documents

- Activity Sheet 1
- Activity Sheet 2
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#### Code Studio

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#### Video

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#### Assessments

- Teacher Observation
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### Notes

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Put your name and contact info here, in case anyone has questions or wants to reach out to you.