Subject	- Information and Communication Technology
Grade	- 8
Month	- September **Week** - 03 **Activiti No:** - 35
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5 – Physical Computing

5.3 Introduction to NOT Gate

Student work –

- Study the lesson carefully. (Pages 59-60 of the Reading Book)
- Ask an adult / teacher to understand difficult lessons.
- Learn lessons related to the lesson through online or printed learning aids.
- Do the activities mentioned in this worksheet and the activities mentioned in your reading book and workbook related to this lesson.
- Discuss and find solutions to your problems while doing activities with your friends, elders and teachers.

Learning-aids that can help with this lesson –

- E-nenapiyasa - https://www.enenapiyasa.lk/lms/pluginfile.php/15434/mod_resource/content/1/notGate.html
- Guru Gedara - https://www.youtube.com/watch?v=f72i8fcnG5M
- Other -
  - ❖ Youtube - https://youtu.be/vn40IRHlRWI

    https://youtu.be/m9eIVFvKB4w

    https://www.youtube.com/watch?v=NrUgMWvG-1U

    https://www.youtube.com/watch?v=3blG7nyxL5M

Learning outcomes through this lesson –

- Detects the functionality of the NOT gate.
- Explains the functionality of the NOT gate in terms of everyday life situations.
- Answers questions related to the functionality of the NOT gate.
- Uses NOT gate theories to solve everyday life problems.

Evaluation / assessment methodology and model –

Answer the following questions.

1. Explain the functionality of the NOT gate.

2. Draw the standard code corresponding to the NOT gate and write the corresponding Boolean expression.

3. Build the authentication table for the NOT gate.

4. Explain three examples of practical uses of NOT gate in everyday life.