Gymea Technology High School
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Year 7/8 - Technology A

Task 3 - Coding in Practice Quiz

Due Date:
End of Week 6B 05/06/2020

Date Distributed: 29/05/2020 **Task Weighting: 50%**

Outcomes

- **TE4-4DP** - Designs algorithms for digital solutions and implements them in a general-purpose programming language
- **TE4-7DI** - Explains how data is represented in digital systems and transmitted in networks

ASSESSMENT OUTLINE

1. WHAT AREAS OF LEARNING DOES THIS ASSESSMENT ADDRESS?

Areas of Learning:

- Glossary of Terms
- Design algorithms for digital solutions using programming language
- Knowledge and understanding of:
    - Coding in Practice including basic Coding Languages

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3. WHAT STEPS DO I TAKE TO COMPLETE THIS TASK?

Task Outline

- You will complete a short, online Coding in Practice Quiz to assess your understanding and knowledge on the areas of learning listed above.
- The quiz will be completed through Moodle and is located in your S4 Technology A Moodle Course in the Assessment Tasks topic.
- The test will consist of a variety of questions including multiple choice, true/false and comprehension.
- It will need to be completed in the time limit associated with the test (this will be no longer than 30 minutes)

Details for Submission

In preparation for the in-class test, all work from the Remote Learning Package #1 should be completed, including the Grok activities.

In addition, students are advised to look at this Glossary of Terms from NESA - https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/technologies/technology-mandatory-7-8-new-syllabus/glossary, specifically the terms listed below:

- Algorithm
- Binary
- Copyright
- Digital Footprint
- Hardware
- Input
- Microcontroller
- Protocol
- User Interface
- Wi-Fi

The Quiz must be completed in one sitting during class and submitted by the date outlined above.

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4. HOW WILL MARKS BE AWARDED TO MEASURE MY LEARNING?

Marks will be indicated in the online test for each question and will be automatically graded upon submission of the quiz. Solutions and feedback will be provided to the class upon completion of the test.