**10 DGT Assessment 2 – Term4, 2021**

**Analog To Digital Development**

Your task is to choose a technological product and investigate how this product has developed from analog to digital over time. Firstly you need to find out how the product operated back in the past (analog – manually operated) and then how does it operate now (digital operated).

Choose only **ONE** from the following products (B**lood pressure monitor** or **Watch** or **Camera**)

Complete a Compare and Contrast review of the product and its changes and developments from Past to Present.

**Create a resource:**

**The Technological product I will be investigating is:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1a. My analog product that I will be investigating:

|  |
| --- |
| I*nsert a picture of your a****nalog*** *product here:* |

1. Identify your chosen ANALOG version of the product?
2. The time period that this type was made?
3. Identify most of the components and parts it is made from?
4. Identify your chosen **DIGITAL** version of the product?
5. Identify most of the components and parts it is made from?
6. The time period that this development was made?
7. Use both images and text to support my answers.  **AT**

 I*nsert a picture of the* ***digital*** *product here:*

|  |
| --- |
|  |

1. Clearly describe the components it is made from with images that support your answers.
2. Describe how it has changed or developed over time supported by a timeline.
3. Describe how it has influenced the society. **ABOVE**
4. **BEYOND** – You should meet the criteria for AT and ABOVE and present a resource that is:

Visually interesting with the use of detailed text to support your discussion supported with relevant images

1. Explain how it has influenced society, discussing the positive and/or the negative impacts

*n.b You need to present your work showing use of text (minimum 200 words AT), images that support your writing and a timeline that convey your chosen product clearly and it is visually interesting. This could be through a slide show, video or a resource of your choice.*

Assessment rubric - **Characteristics of Technological Outcomes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Technological product parts and components between analog and digital  | You have yet to identify a type of technological product that has analog and digital versions showing most of the parts and components it is made from  | You have Identified a type of technological product that has analog and digital versions showing most of the parts and components it is made from  | You have Identified a type of technological product that has analog and digital versions and clearly described most of the part components it is made from with images that support your answers | You have clearly described most of the components it is made from with images that support your answers and Justified and explain the use of the components used to make the analog and digital versions of the product |
| **Development of the technological product from analog to digital overtime**  | You have yet to show by a timeline how the product has changed or developed over time  | You have **shown** by a timeline how the product has changed or developed over time and used images to support your answers | You have **described** how the product has changed or developed over time and used both images and text to support your answers | You have **explained and justified** how the product has changed or developed over time and used both images and text to support your answers |
| **Society and environments impact on and are influenced by technology in historical and contemporary contexts and that technological knowledge is validated by successful function.** | You have yet to identify how the technological product development has influenced society | You have identified how the technological product development has influenced society. | You have described how the technological product development has influenced society. | You have explained and justified how the technological product development has influenced society, discussing the positive and/or the negative impacts |
| **Accuracy in writing** | You have made errors in grammar, spelling and/or punctuation. These are intrusive and affect meaning | You have made errors in grammar, spelling and/or punctuation. These are intrusive at times, but reader can infer meaning | You have made some errors, but minimal reader inference is needed.Meaning is consistently clear | You have carefully edited your writing to ensure you have few (or no) intrusive errors.Meaning is consistently clear |
| **Time Management** | You have not submitted your work by the due date | You have submitted your work by the due date | You have submitted your work by the due date | You have submitted your work by the due date |
| **Overall Grade** | Working Towards curriculum expectation | Working AT curriculum expectation | Working ABOVE curriculum expectation | Working BEYOND curriculum expectation |