|  |  |
| --- | --- |
| **Assessment task – Narrogin Senior High School** | |
| Year level | 7 |
| Learning area | Technologies |
| Subject | Digital Citizenship |
| Title of task | Survey and Data |
|  | |
| Description of task | Students are to choose a topic from the list provided to conduct a survey about. They are to create a survey using Microsoft Forms. Students are to then create 3 graphs using their survey results. |
| Type of assessment | Data Analysis |
| Assessment strategy | Survey and Graphs |
| **Content description** | |
| Content from the Western Australian Curriculum | **Collecting, managing, and analysing data**  Explore how to acquire data from a range of digital sources Create information using relevant software, and create data to model objects and/or events. |
|  | |
| Assessment conditions | 5-6 lessons in class. |
| Resources | Computers |

**Check List**

* **Inquiry Booklet (This booklet) - Completed**
* **Survey Questions from Microsoft Forms (Printed)**
* **Survey Results from Microsoft Forms (Printed)**
* **Graphs of Survey Results (3 x Minimum)**
* **Analysis Paragraph – Good Copy**

|  |  |
| --- | --- |
| **Marking key** | |
| **Survey Questions** | Marks |
| A minimum of 5 Survey questions constructed, with 2 being about the context/background of the audience, and 2 different types of questions. | 3 |
| 5 Survey Questions are constructed but does not have a minimum of 2 types, or has more than 2 about the background of the audience. | 2 |
| Less than 5 Survey Questions are completed | 1 |
| **Subtotal** | **/3** |
| **Part 1 Presentation** | Marks |
| Survey is conducted using Microsoft Forms | 1 |
| The survey has an appropriate title | 1 |
| Survey Questions from Microsoft Forms is printed | 1 |
| Survey has more than 10 participants | 1 |
| Survey has a variety of participants (eg. Not all are school students) | 1 |
| Survey link is written in the Inquiry Booklet | 1 |
| **Subtotal** | **/6** |
| **Part 2 - Graphs** | Marks |
| Graphs are Created using Microsoft Excel | 1 |
| 3 or more Graphs are created | 1 |
| The 3 Graphs are of a minimum of 2 types (eg. Two are column, 1 pie graph) | 1 |
| Each Graph has an appropriate overall title (3 total, 1 per graph) | 3 |
| Each Graph has all axis’ labelled (3 total, 1 per graph) | 3 |
| Graphs are clear and legible, easy to understand (3 total, 1 per graph) | 3 |
| **Subtotal** | **/12** |
| **Part 2 – Analysis in Booklet** | Marks |
| Survey Results printed from Microsoft Forms | 1 |
| Paragraph Draft (1 per section) | 2 |
| **Subtotal** | **/3** |
| **Paragraph - Good Copy** | Marks |
| Paragraph accurately follows the PEEL structure, with coherent sentence structure and good spelling and grammar. It also references data from their survey | 5 |
| Paragraph mostly follows the PEEL structure, has mostly coherent sentences and mostly good spelling and grammar. Includes data that’s not referenced | 4 |
| Paragraph loosely follows the PEEL structure, has average coherent sentences and average spelling and grammar. Includes no data. | 3 |
| Paragraph makes minimal attempt at PEEL structure and follow spelling conventions. | 2 |
| Paragraph does not follow PEEL structure. No data. Poor spelling and Grammar | 1 |
| Subtotal | **/5** |
| Total | **/29** |

**Task 2 - Part A (Survey)**

1. Choose a topic to conduct a survey on, some suggestions have been provided for you below. You are required to choose a topic that relates to technology.

* Type of Phone (eg. iphone vs Android)
* Technology in Agriculture
* Drones
* Type of Car

Chosen Topic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Now that you have chosen your topic you need to create a survey using Microsoft Forms.

<https://forms.office.com/>

You are required to log into Microsoft Forms using your school email and password.

You will then click on the New Forms button in the top left and name your survey an appropriate title eg. Apple vs Android

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Your Survey needs to have a minimum of 5 questions.

Two of these questions are allowed to be about the context of the audience.

For Example: What age bracket do they fall into? What Gender do they identify as?

*There is to be a minimum of two different questions types eg. Multiple Choice and Short Answer.*

*Hint: The best worded questions will include Key Directional Words such as “Identify, State, List etc.”*

Questions:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Now that you have created your survey questions. You now need to input these into your Microsoft Forms.
7. Once you have completed this you need to print and include a copy of the Form with this task. To do this you need to click the three dots on the Top Right Hand Side and select Print Form.
8. Once this has been done, you need to conduct the survey. The best way to do this is online using the link from Microsoft Forms. To find out your link select “Collect Responses” on the top Right Hand Side. Choose the “Anyone Can Respond” Option. Choose Shorten URL under your link. Please write your link below.

Link: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

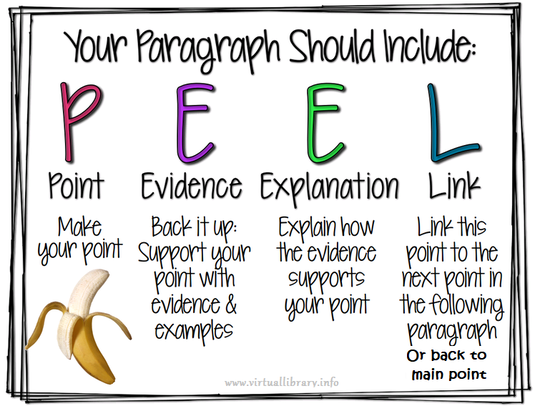
1. Now that your survey has been written, you need to share it with others. Use the link above to share your survey to other people. A minimum of 10 people are to complete the survey. This can be any one. You are encouraged to find a wide range of people to conduct the survey.

Task 2 – Part B – Analysis

1. Now that you have completed the survey and 20 or more people have answered the questions. You now need to look at the data.
2. To find your survey responses click the “Responses” Options at the Top Left Hand Side”. You will also need to print and include a copy of the survey responses with this task. You can use the three dots at the top Right Hand Side to print form option again.
3. With your survey results you will also need to create a minimum of 3 Graphs (more is fine). Of these three graphs two need to be a different type (eg. Bar, Circle or Line Graphs).

You are to use Microsoft Excel to complete your graphs.

*Remember your graphs need to have an overall title as well as a title for each axis. It also should include a key/legend if colours are used and be clear and easy to read.*

1. The three Graphs need to be handed in alongside the task. This can be done by printing each Graph off in Colour and stapling it to the back of the assignment or submitting them on Connect or via Email.
2. The next step is to analyse your graph and construct a paragraph analysing the results. A template has been provided for you, before you type the good copy of the paragraph and submit it along with this booklet.

**Draft Paragraph**

*Use dot points*

|  |  |
| --- | --- |
| **POINT**  What are you going to be communicating.  Eg. The results of your survey on… |  |
| **EVIDENCE**  What is the evidence from your survey telling you.  Include numbers and data. |  |
| **EXPLANATION**  Expand upon the evidence included above. What does the results mean? |  |
| **LINK**  Link your paragraph back to the main point. |  |

Turn the dot points above into a paragraph using full sentences below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_