# East Renfrewshire Council: Education Department
# Practitioner Moderation Template

Prior to the moderation exercise, please complete the following information and submit it to your facilitator with assessment evidence from one learner that you judge to have successfully attained the Es and Os.

| Practitioner Code | S42 |
|---|---|
| Curriculum Area(s) | Numeracy and Mathematics<br>Technologies |
| Level | Second |
| Stage(s) | P5 |

**Experiences and Outcomes:**

I have carried out investigations and surveys, devising and using a variety of methods to gather information and have worked with others to collate, organise and communicate the results in an appropriate way. **MNU 2-20b**

I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2-01a**

**Learning Intentions:**

To carry out surveys using a variety of methods to gather information

To communicate survey results in an appropriate way.

To extend my knowledge of digital technologies to collect and organise relevant information.

**Success Criteria:**
*Please list SC and give brief detail on how learners were involved in their creation.*

**I can:**
- Design a survey question that is relevant for the classes I am surveying
- Survey one class using 'hands up' and recording information in a frequency table
- Survey a class using Google Forms

- Organise information in a frequency table
- Draw a bar graph with a suitable scale, title, labels and axes
- Generate a bar graph using Google Forms
- List key information that my survey shows

- Create a Google Form with a multiple choice question
- Export information to a Google Sheet from Google Forms
- Select the appropriate data range to create a bar chart

Teacher suggested success criteria were discussed with learners. Underlined SC were generated/added to through discussion with pupils/teacher

Briefly outline the context and range of quality **learning experiences** that have been planned making reference to the chosen design principles. Make specific reference to **breadth, challenge & application**.

Pupils had been introduced to drawing bar graphs and worked in groups to design their own survey. They chose a question that would be relevant to two different classes – they visited one class to carry out the survey by asking questions/counting hands up.

Pupils were instructed on creating Google Forms, exporting the data and selecting an appropriate data range to generate a bar graph, and had to use this process to create a survey through Google Forms, then create Google Sheets including bar graphs from their Google Form results **(application).**

Pupils were given the choice of how to share the results of their survey with the class (**choice / challenge**) – these included slideshows/posters.

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Record the planned assessment that will be gathered to meet the success criteria (Say, Write, Make, and Do) considering **breadth, challenge and application**.
Write –
Frequency table
Bar graph
Information from graphs
Poster

Make –
Google Form
Google Sheet

Do –
Survey

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Briefly outline the oral/written **feedback** given to the pupil on progress and **next steps**, referring to the learning intention and success criteria.

Oral feedback was given when completing Google Forms to agree that success criteria had been met.

**Written feedback on end of topic sheet**: _____ you have designed a relevant survey and carried it out successfully using both Forms and a frequency table.
*Remember to space your bars evenly when drawing bar charts and make sure they are all the same width, even if no one chooses that option.

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**Pupil Voice:**
What have you learned? How did you learn? What skills have you developed?

I have learnt how to carry out surveys and can do this with the Forms and by asking questions. Drawing bar graphs and frequency tables helped me to learn. I have developed my skills in handling information.
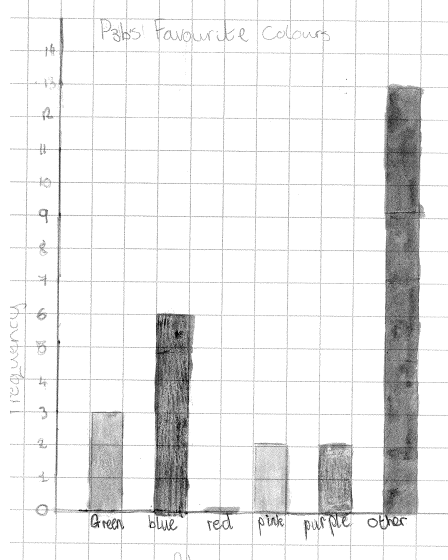
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**Did the learner successfully attain the outcomes?**       **YES/~~NO~~**

**EVIDENCE**

- Design a survey question that is relevant for the classes I am surveying
- Survey one class using 'hands up' and recording information in a frequency table
- Organise information in a frequency table

| Favourite Colour | Tally Marks | Frequency |
|---|---|---|
| Green | III | 3 |
| Blue | IIII I | 6 |
| Red | | 0 |
| Pink | | |
| Purple | II | 2 |
| Other | IIII IIII III | 13 |
| Total | | 26 |

- Draw a bar graph with a suitable scale, title, labels and axes

Date: November 2018     Group: Cubes     Topic: Information Handling

**Self-Assessment**

Learning Intention:
➢ To carry out surveys using a variety of methods to gather information
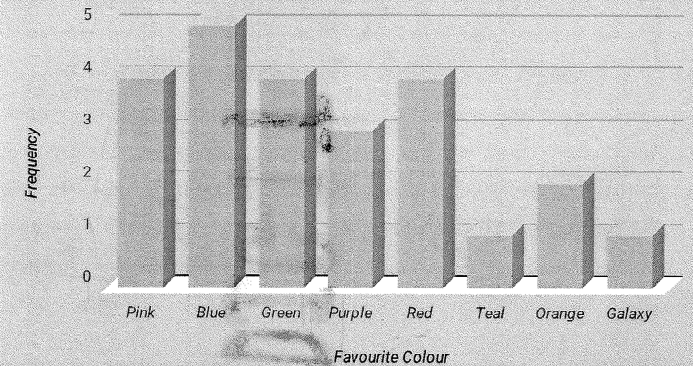➢ To communicate survey results in an appropriate way.

| | |
|---|---|
| ➢ Design a survey question that is relevant for the classes I am surveying | ☺ |
| ➢ Survey one class using 'hands up' and recording information in a frequency table | ☺ |
| ➢ Survey a class using Google Forms | ☺ |
| ➢ Organise information in a frequency table | ☺ |
| ➢ Draw a bar graph with a suitable scale, title, labels and axes | ☺ |
| ➢ Generate a bar graph using Google Forms | ☺ |
| ➢ List key information that my survey shows | ☺ |

Teacher comment

You have designed a relevant survey and carried it out successfully using both Forms and a frequency table.
*Remember to space your bars evenly when drawing bar charts and make sure they are all the same width, even if no-one chooses that option.

**Favourite Colour**

Favourite Colour

○ Green
○ Blue
○ Red
○ Pink
○ Purple
○ Other: _____

SUBMIT

| Timestamp | Favourite Colour |
|---|---|
| 19/11/2018 10:19:37 | Pink |
| 19/11/2018 10:30:00 | Blue |
| 20/11/2018 12:01:15 | Green |
| 20/11/2018 12:16:19 | Purple |
| 20/11/2018 12:20:08 | Blue |
| 20/11/2018 12:21:19 | Green |
| 20/11/2018 12:22:53 | Blue |
| 20/11/2018 12:23:25 | Red |
| 20/11/2018 12:23:37 | Purple |
| 20/11/2018 12:25:54 | Green |
| 20/11/2018 12:26:27 | Blue |
| 20/11/2018 12:27:06 | Teal |
| 20/11/2018 12:28:04 | Red |
| 20/11/2018 12:28:11 | Orange |
| 20/11/2018 12:28:19 | Purple |
| 20/11/2018 12:30:00 | Galaxy |
| 20/11/2018 12:35:06 | Pink |
| 21/11/2018 10:06:27 | Pink |
| 21/11/2018 10:10:47 | Red |
| 21/11/2018 10:11:46 | Green |
| 21/11/2018 10:15:07 | Blue |
| 21/11/2018 10:15:27 | Pink |
| 21/11/2018 10:17:55 | Red |
| 21/11/2018 10:23:48 | Orange |

- Survey a class using Google Forms
- Create a Google Form with a multiple choice question
- Export information to a Google Sheet from Google Forms

**Primary 5a's Favourite Colour**

- Select the appropriate data range to create a bar chart
- Generate a bar graph using Google Forms

- Primary 3b had more votes for other than Primary 5a.
- Blue got the most votes in Primary 5a.
- Red got No votes in P3b but in Primary 5a Red got 4.
- Pink Green and Red got the same amount of votes.
- In Primary 3b, Pink and Purple both got 2 votes.
- Green only got 3 votes in P3b.

- List key information that my survey shows