

These example slides show the basic layout and content of your work. You can add themes and enhancements to your slides for presentation but the focus should be on the content of the slides, not the way they look;

- The text should be dark on a light background
- Font should be legible and easy to read (no fancy font styles)
- Font sizes should be 12/14 for text and 18/24 for headings and titles
- Use text boxes and inserts for photos and screenshots
- Leave a border around the page so text, photos and screenshots must not touch the edges of the page
- Photos and screenshots should be large enough to show the details but not too large that they dominate the page, try 2 or 3 photos per page as a guide

You will need multiple slides for some sections

Slide 1 - **STEM Micro:bit Project** (this is the title)

Must include - **the title, your name, your class, the design brief**

Copy and paste the design brief and design specifications. The design brief has been edited to show it is from a singular point of view, the design brief and design specifications can be copied as they are shown below.

Design Brief

My task is to design and manufacture a project that involves my community, which can be school or home based. My project will have a Micro:bit as its main processor and it will be designed and manufactured to meet the design specifications. The project could be designed for use by myself, by my family or at school.

Design Specifications

My completed project must meet these design specifications:

1. The design must be centred around your given context which will involve your community
2. Must use a BBC Micro:bit as its main processor (the processor is the main controller)
3. Must use a battery to power the Micro:bit and make the project self contained
4. The battery is to be easily accessible for changing
5. The project will have an input (which can be switch or light based) and an output (which can be light, sound or a combination of light and sound)

Slide 2 - Possible Solutions

- Can be screenshots or photos of hand drawn sheets with text that describes the your possible solutions
- You must identify a final design idea that will be developed into your project

Slide 3 - Development of the prototype

You will take photos as you develop your prototype

- As you create and develop your project using your Micro:bit you must take photos that show your breadboard and Micro:bit
- You must take screenshots (or photos or copy/paste) of your Micro:bit code
- Add the photos and code to your slides, each photo/screenshot must have a text box that describes and explains what the photo/screenshot is showing
- Photos/screenshots must be shown in the sequence of the development stages
- You will need multiple slides to show the development of your prototype
- There should be a larger photo of the final development stage

Slide 2 - Evaluation of the prototype

Your evaluation must include these points:

- A photo of the completed prototype (or more than one photo of the same prototype)
- A description of the prototype (use these subheadings)
 - ★ what it does
 - ★ how it works
 - ★ where it is intended to be used
 - ★ who would be the main user
- How it has met the design specifications (copy the design specifications and use each one as a subheading)
- A comment from the main stakeholder

Evaluation Layout Example Slide(s) (Using text and photo boxes)

A photo of your prototype (can be more than one photo)
breadboard

If you completed a working model place photo(s) of it here

A description of the prototype

- what it does
- how it works
- where it is intended to be used
- who would be the main user
- How it has met the design specifications (copy the design specifications and use each one as a subheading)
- A comment from the main stakeholder