# Guide to Sample Bridge Module

This is a brief guide to a sample of one of our online learning modules within Bridge. It aims to give you an idea of the look and feel of our modules, while demonstrating the features that are available within the platform.

A video walkthrough of this sample module can be found by clicking here.
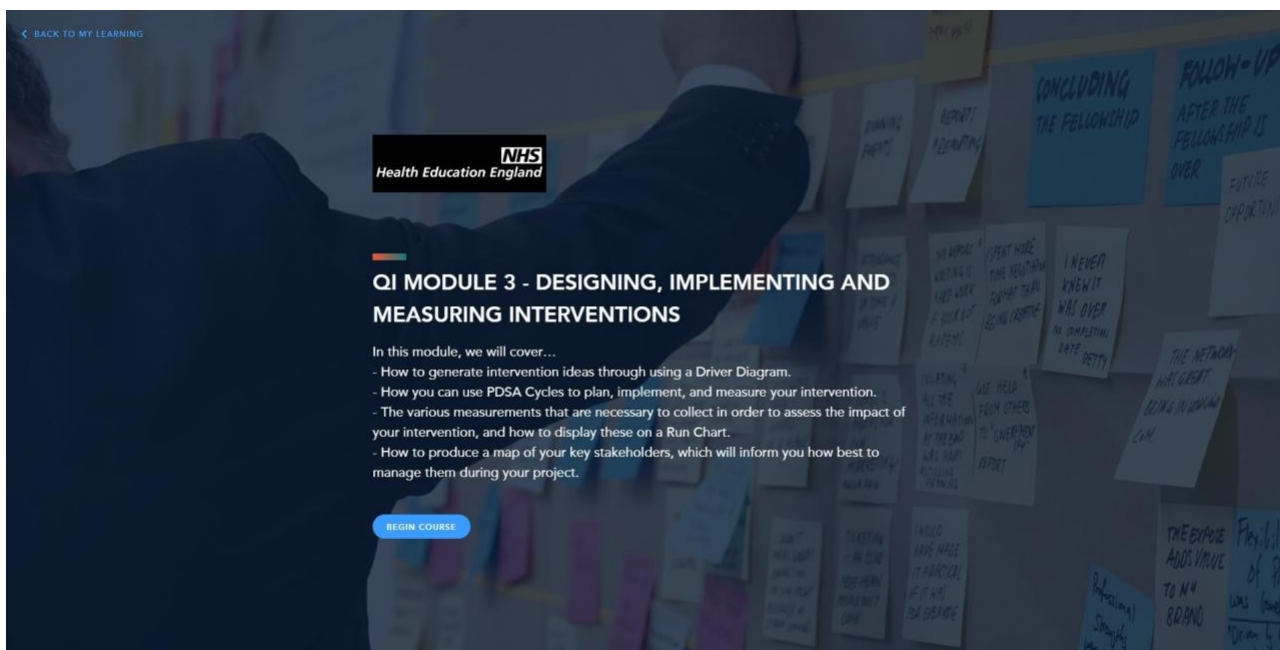
The slides outlined in this guide are as follows:

- Cover Slide
- Slide 1: Introduction
- Slide 2: Driver Diagrams
- Slide 3: Driver Diagrams – Worked Example
- Slide 4: Using Driver Diagrams in your own work
- Slide 5: Check Your Understanding
- Slide 6: Conclusion
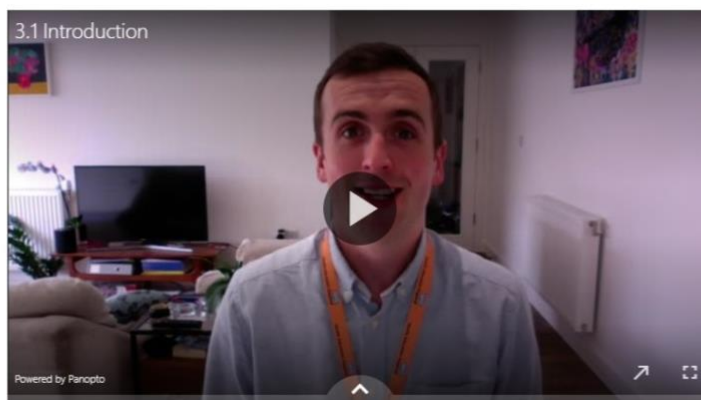- Slide 7: Checkpoint

## Cover Slide

Each module begins with an introduction slide, which outlines the learning objectives for the module.

The background image is customisable, and can be imported either from your computer, or from a webpage.

**Slide 1: Introduction**

This slide contains an introductory video, that outlines the content that will be covered within the module.
The video can be viewed by clicking here.

Each video has a PDF transcript that is available for download from the link below the video. An example transcript has been pasted below.

Each module outlines which of the GMC's Generic Professional Capabilities (GPCs) in Leadership and Team Working will be covered. The GPCs can be found by clicking here.

There is the option to add a "Comments" section to the bottom of each slide. This allows trainees to post comments that will be visible to all other trainees using the module.

*Example video transcript:*



NHS
Health Education England

## Introduction

So now that you're at a point where you've found a project that you're keen to work on, and you've produced your SMART aim, it's time to start thinking a bit more about how we're going to achieve that aim. You may already have an idea in your head as to how you'd like to solve this problem. However, how much thought have you given as to whether this is actually the most effective solution? Have you thought in depth about the root causes of this problem? Have you considered any alternative solutions? Have you considered the impact that your intervention may have on the people and teams you work alongside? And have you thought about the steps you'd need to take in order to make your idea a reality?

This is where junior doctors like us often find the Model for Improvement, or the QI Framework, to be really helpful. There are a few key tools that we can use to ensure that our implemented solution is as effective as it can be. These include:
- A driver diagram, to help us to think more about all of the factors that contribute to our problem.
- Outcome, process, and balancing measures, which are specific measurements to help us assess the effectiveness of our work.
- Run charts, which are an excellent way to both display your data, and look for statistical significance.
- A stakeholder analysis, to ensure that we consider how our intervention affects those around us.
- And PDSA, or Plan, Do, Study Act, Cycles, which help us to organise our plan into a structured, systematic format.

In this module, we aim not only to cover how to use each of these tools in your own work, but we will also provide you with customisable templates that you can use to document your progress, and upload to your portfolio.

Before we begin, we'd like to hear about your experiences. Have you used any of these tools before? Did you find them to be useful or not? Did you learn anything from using them that you'd like to share with your colleagues? Please leave your thoughts in the comments box below.

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www.hee.nhs.uk                                    Introduction

**Slide 2: Driver Diagrams**



## Driver Diagrams

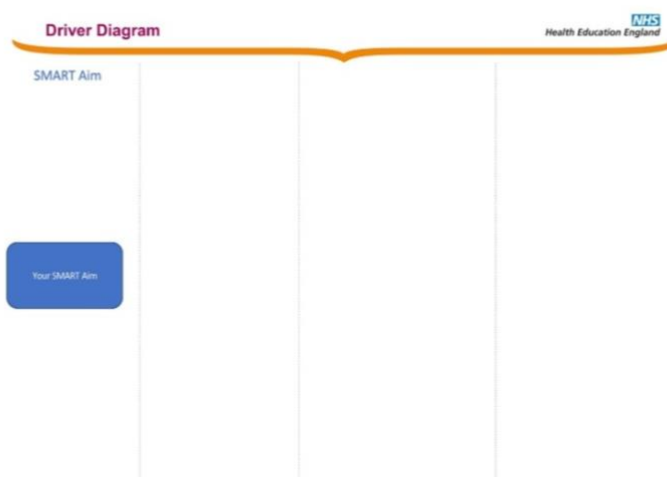**The tool that we'll cover today is the driver diagram.**
As we've touched upon already, it's a really useful tool that helps you to visually map out all of the factors that are contributing to your problem. This diagram is particularly useful in the context of QI, as by identifying the key factors that influence your problem, you can then generate interventions that target them directly.

Before we look at exactly how to construct a driver diagram, let's first hear from Don Goldmann from the Institute of Healthcare Improvement, on both the importance of driver diagrams, and how they can help you to achieve success in your QIP.
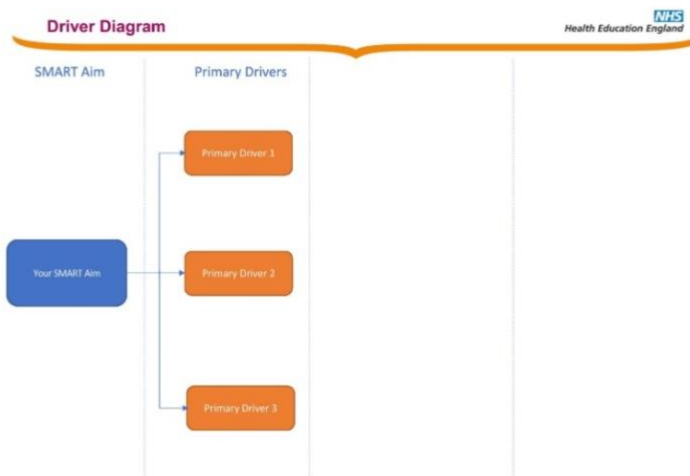
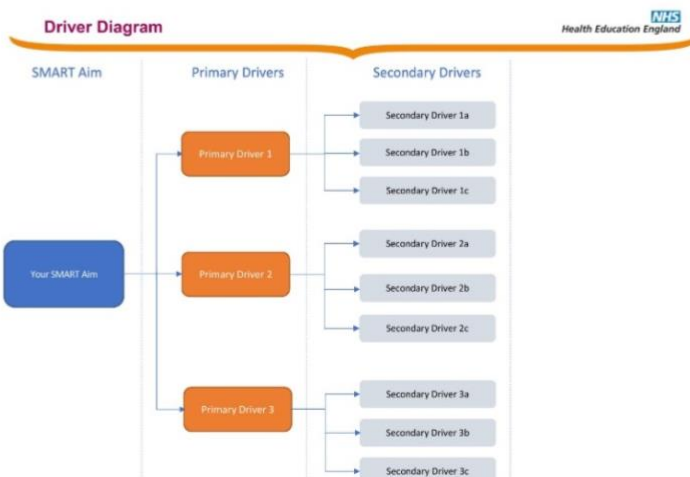Now, let's take a look at how to build a driver diagram.

All driver diagrams start in the same way – that's with your SMART aim, which you'll already have constructed.

**Driver Diagram**

SMART Aim

Your SMART Aim

Stemming from your SMART aim are your Primary Drivers. These are the key components of the system that have the most influence on your aim. These are the aspects that you should look to improve in order for your project to be successful. If your SMART aim was to reduce pressure sores on your ward by 25% in the next 3 months, examples of your Primary Drivers may include identification of pressure sores, prevention of pressure sores, and providing effective pressure sore treatments.

**Driver Diagram**

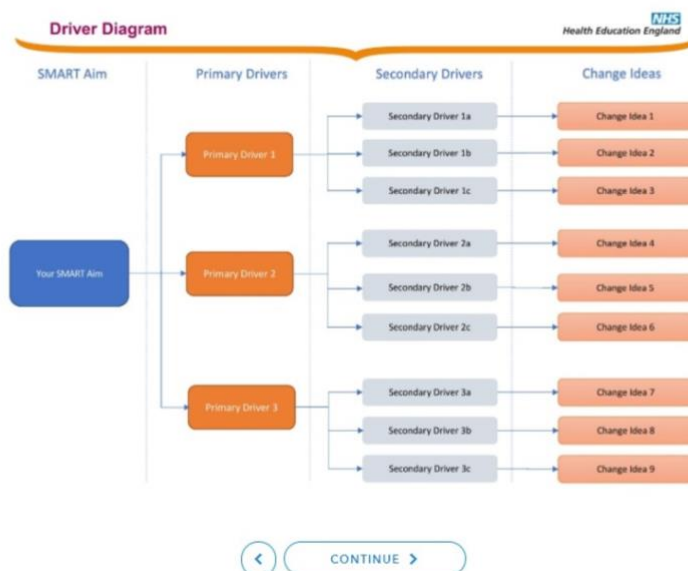| SMART Aim | Primary Drivers |
| --- | --- |
| | Primary Driver 1 |
| Your SMART Aim | Primary Driver 2 |
| | Primary Driver 3 |

From your Primary Drivers, you can create your Secondary Drivers. These are specific factors that influence the Primary Driver, thereby influencing your ability to achieve your aim. These break the Primary Drivers down into specific components, around which you can design interventions. Using our previous Primary Driver of "identification of pressure sores," examples of secondary drivers include improving staff knowledge around identifying pressure sores, increasing the effectiveness of pressure sore checks, and empowering patients to highlight any areas of pain.

**Driver Diagram**

| SMART Aim | Primary Drivers | Secondary Drivers |
| --- | --- | --- |
| | | Secondary Driver 1a |
| | Primary Driver 1 | Secondary Driver 1b |
| | | Secondary Driver 1c |
| | | Secondary Driver 2a |
| Your SMART Aim | Primary Driver 2 | Secondary Driver 2b |
| | | Secondary Driver 2c |
| | | Secondary Driver 3a |
| | Primary Driver 3 | Secondary Driver 3b |
| | | Secondary Driver 3c |

This slide combines a blend of text, images and videos to introduce the concept of Driver Diagrams.

Within Bridge, it is very easy to link out to other websites, as evidenced by the link to Don Goldmann's biography, and the link to the Institute of Healthcare Improvement.

It is also possible to embed YouTube video, as evidenced by this video within the slide.

This module also embeds images of the Driver Diagram framework. If you would like to create images, diagrams or flow charts similar to these ones, we can work with you to do so.

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**Slide 3: Driver Diagram – Worked Example**



This slide contains a video that talks over a PowerPoint that walks the trainee through a worked example of a Driver Diagram, and can be viewed here.
The video transcript can be found here.

The trainee is encouraged to download the template Driver Diagram (a Dropbox copy of which can be found here), and work through this as the video progresses.

They can also download the completed Driver Diagram. A Dropbox copy can be found here.

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**Slide 4: Using Driver Diagrams in your own work**



This slide provides the trainee with a template for a Driver Diagram (a Dropbox copy of which can be found here), as well as encouragement to put their learning into practice in their own QIP.

There is another comments section at the bottom of this slide to encourage trainees to share their learning with their colleagues in other specialties.

**Slide 5: Check Your Understanding**



This slide introduces a series of questions designed to ensure that the trainees has picked up some of the key points of the module. There are a number of different question types within Bridge, which are demonstrated below.

*Single best answer question:*

*Multiple answer questions:*



*"Order the following" questions:*



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*Please note that Bridge will automatically mark all of these questions, and will provide the trainee with their overall score at the end of the module.*



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**Slide 6: Conclusion**



This slide contains a video that summarises the key learning points in this module, which can be viewed here.

The video transcript for this video can be viewed here.

**Slide 7: Checkpoint**



Checkpoint

Thank you very much for completing this module. Please fill out the short feedback form that can be found here:

Feedback form link

We hope that this module has made you feel more confident in designing a driver diagram.

Please download your module certificate once you've completed the following:

- All pages of this e-learning module.
- Your feedback form via the link above.
- Completed the interactive Driver Diagram Template for our worked example of reducing inappropriate antibiotic prescribing.
- Completed a driver diagram for your own QIP.

We'd encourage you to upload your reflections and module certificate to your e-portfolio. You can use this as evidence towards satisfying the following GMC Generic Professional Capabilities for Leadership.

- Demonstrating an understanding of a range of leadership principles, approaches and techniques and applying them in practice.
- Thinking critically about decision making, reflecting on decision-making processes and explaining those decisions to others in an honest and transparent way.

We look forward to seeing you in the final module in this series, where we will discuss how to evaluate your project, write it up, and share your learning with your colleagues.

COMPLETE >

This slide contains a link to a feedback form that all trainees are encouraged to complete. The questions are as follows:
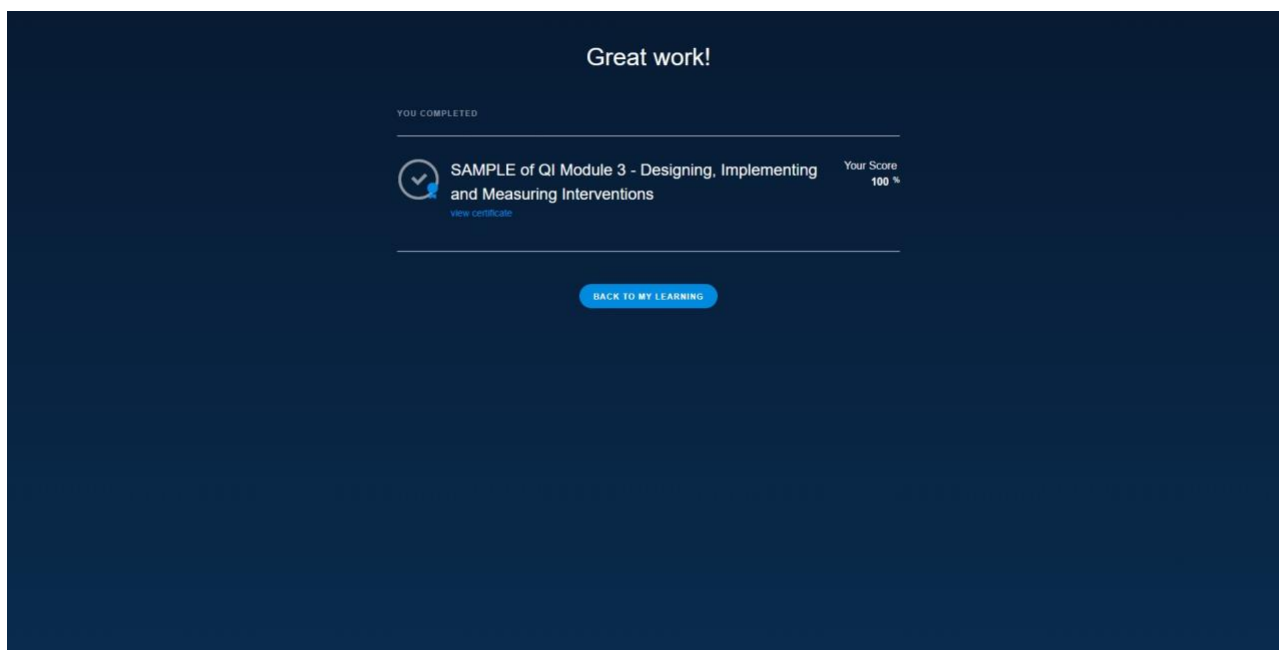
1. Training Grade
2. On a scale of 1 – 4, how would you rate the overall content of the module?
3. To what extent do you agree with the following statement: I now have a better understanding of the topics covered in this module.
4. What did you enjoy about this module?
5. Do you have any suggestions for improvement in terms of the module content or design? Or any other comments?

This slide specifies each element that the trainee should have completed in order to successfully complete the full module.

The slide also reiterates the GMC's GPCs that are covered in this module.

Upon clicking the complete button, the trainee will see the following screen:



From there, they can click "View Certificate" to download their certificate of completion for their portfolio. The image below demonstrates the certificate for this module.



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