

HOW TO USE THIS BOOK

FACILITATION PAGES

This book is designed to provide a facilitation page (top) and a tool page (bottom). Facilitation pages have four sections:

WHY -- This section describes why a particular tool might be used. It will often speak to the core principles of design thinking: Empathy, Prototyping and Feedback.

HOW -- This section provides instruction on how we facilitate a particular tool. This is our only way of facilitating the tool! We hope that the How section can flex to meet your needs and that you become increasingly nimble with the tool through use.

COMPASS ORIENTATION -- This section gives one example lining up both Thinking Mode (Green) and Design Approach (Navy) rings. The example leans toward more of a beginner's approach to using the tool; however, it's only one of many ways in which to orientate the rings. What other ways might you use this tool in the design thinking process?

CORE GAUGE -- This section is a nod toward the core of design thinking and how we visualize the tool fitting into any process. The more dots, the more we tend to see the tool applied through that specific core principle.

TOOL PAGES

These pages are graphic organizers, or in some cases pictures, to help aid the process of design thinking. We highly suggest using sticky notes instead of writing directly in this book. Additionally, if this book isn't big enough, we hope that you find the tools easy to replicate to larger surfaces.

FACILITATION PAGE

TOOL NAME	
Why	Notes
How	
Compass Orientation	Core Gauge

TOOL NAME

TOOL PAGE

OUCH TO AH-HA

WHY:

Because design work, especially what we think of as “tinkering”, requires failure.

There are no clean lines with failing. Some are EPIC fails... some are happy accidents... and some are surprising. ALL are learning experiences. The word “fail” is itself loaded with baggage, especially in a school context - so we made up our own term - pHail - in an attempt to remove negative connotations and provide an analogy for tracking pHails across a spectrum à la the pH scale.

HOW:

At one end of the pHail scale are “ouch” moments. These are bad and we want to learn from them so as to not repeat them. At the other end are “ah-ha” moments. We love these! They are accidental moments that spark some new idea and we want to share that learning with others. Individuals mark what happened on a given pHail moment and place it at what they feel is an appropriate place on the upper part of the scale. The group (or individual) can then reflect on why the pHail occurred and note that on the bottom part of the scale. Is there a correlation between the size of the pHail and the size of the learning?

COMPASS ORIENTATION:

DEFINE **CRITIQUE** Ouch to Ah-ha is essentially a feedback or self-critique tool; however, while we often think of critique happening at the end of a project, Ouch to Ah-ha is intended to be used early and often in the design cycle as a means to help define best practices.



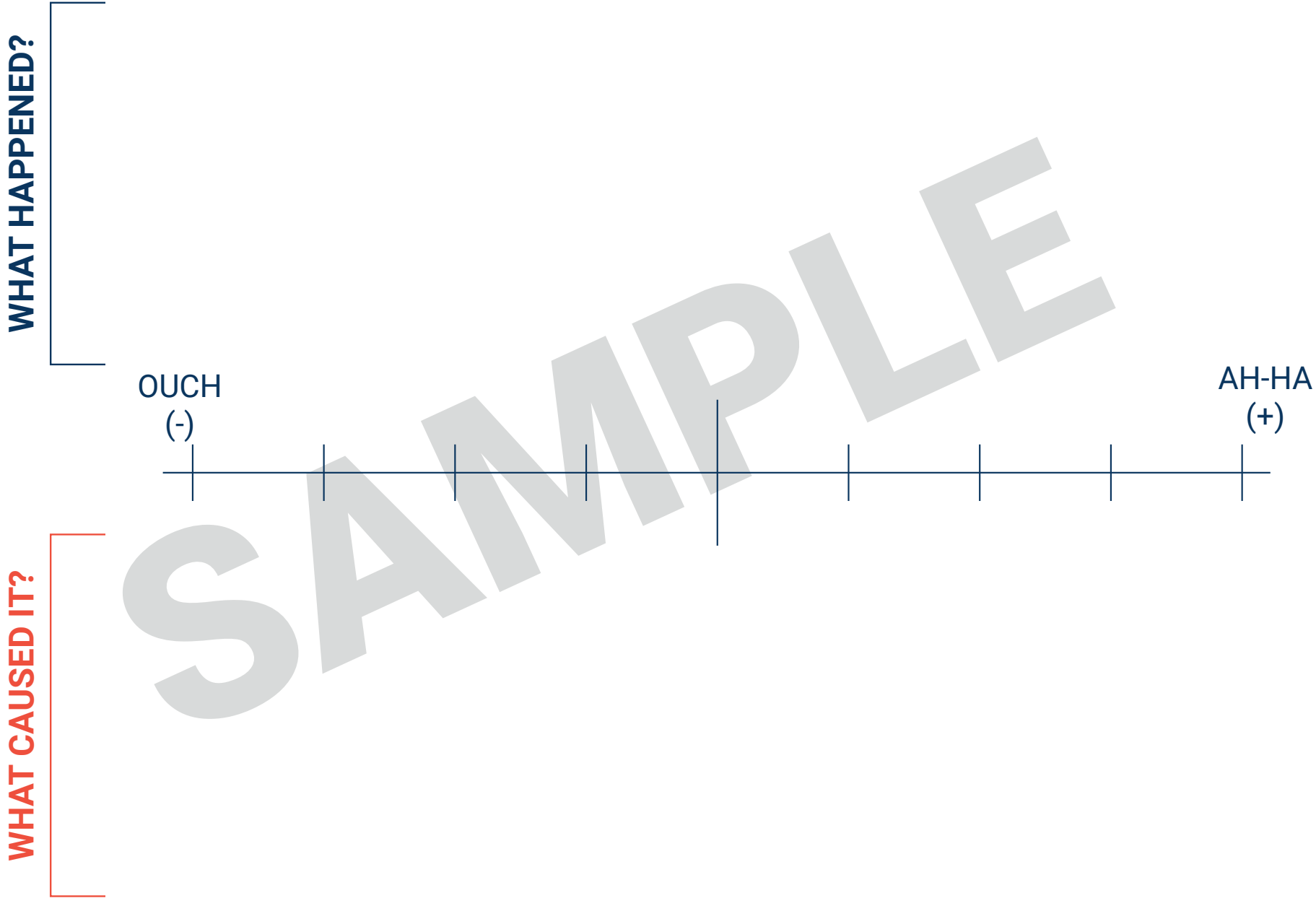
CORE GAUGE:

EMPATHY ○ ○ ○ ○ ○

FEEDBACK ● ● ● ● ●

PROTOTYPE ○ ○ ○ ○ ○

OUCH TO AH-HA





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