Contribution Analysis
Reflections in Practice

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Improvement Science

The effective use of tools such as PDSAs and run charts to effect system change through the use of small scale testing.

Contribution Analysis

A structured framework to guide teams through implementation and evaluation

West Lothian Approach

Pulling together both approaches to improve practice across early years and early intervention work in West Lothian
Contribution Analysis fills in the missing gaps by creating a transparent framework where every part of the process is clear, explicitly planned out and easily understood.

I think you should be more specific here in step two.
Nurturing innovation

Innovation requires: transparency about decisions, money and outcomes, and a level playing field for providers.
The Most Important Part!
Contribution Analysis

Process

• **Scoping**- establish what will be done and in what context
• Create a **results chain**
• Generate **assumptions and risks**
• Use assumptions to determine what **indicators** are needed at each stage
• Implement **small scale testing** as a part of the evidence collection and to introduce changes aimed at minimising risks
• Feedback into model
Contribution Analysis in Action!
So far we have worked with a number of partners to support their improvement work.

- Support for families of young children
- Focus on services within West Lothian for children who are affected by parental substance misuse
- Capacity building and direct engagement work for Health Improvement Practitioners
- Provision of Incredible Years and Triple P
- A needs-led key working service for young and vulnerable mothers
- Groups, activities, drop-ins and support for families with young children
- A very intensive key working service for the whole family
Contribution Analysis

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Changes in Process

• Outcome- Reduce stillbirth and infant mortality by 15% by 2015. Smoking is a key driver.
• More pregnant women need to stop smoking to achieve outcome.
• Specialist team has good outcomes for smoking cessation.
• What does Contribution Analysis tell us about what might be going wrong?
Focusing on systemic change

The First Law of Improvement:

“Every system is perfectly designed to achieve exactly the results it gets.”

Peter Senge, The Fifth Dimension