

# Instrumental Enrichment

HOW2



## PINPOINT



*Human beings are modifiable.*

Reuven Feuerstein

### Modifying intelligence

Reuven Feuerstein created the programme Instrumental Enrichment in order to raise the intelligence of poorly performing children. He believed it was as possible to modify intelligence as it was to modify behaviour. Indeed, he thought it possible to do so in the face of genetic predispositions, organic impairment or educational deprivation. The evidence has accumulated that proved he was right.



*Reuven Feuerstein is one of a handful of educational thinkers and practitioners who has made a significant, lasting contribution to our understanding of human learning.*

Howard Gardner

### Impaired cognitive functions

Feuerstein broke down the thinking process into the Input Elaboration and Output stages. He was able to identify the major impairments to successful thinking at each of these stages.

By helping children bridge from what they already know to the task at hand, teachers can set up the conditions for children to get an understanding of their own thinking processes —metacognition. And from that, improve their thinking so as to raise their IQ scores.

Here are just some of the typical traits of impaired thinking.

#### Input

Unplanned, impulsive, and unsystematic exploratory behavior.

#### Elaboration

Episodic grasp of reality (lack of connections).

#### Output

Blocking (making no attempts)  
Trial and error responses.

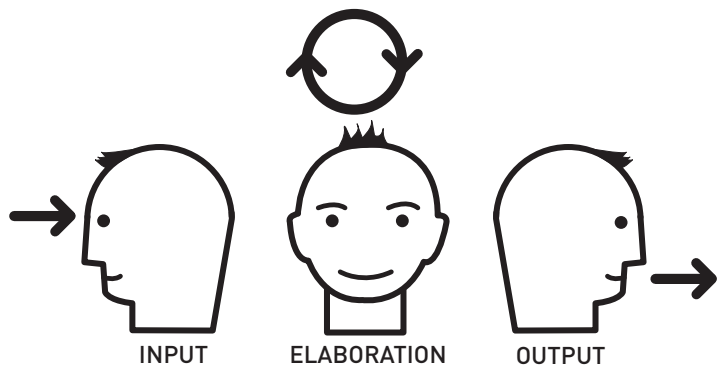
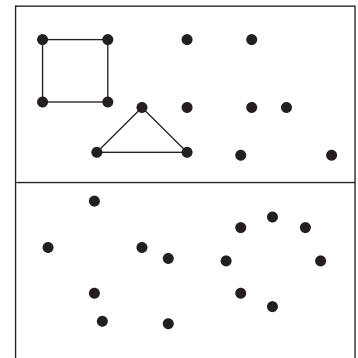
### The 14 Instruments

The course is based on the following instruments:

- Organisation of Dots
- Comparisons
- Orientation in Space 1
- Analytic Perception
- Illustrations
- Family Relations
- Categorisation
- Numerical Progressions
- Temporal Relations
- Instructions
- Orientation in Space 2
- Syllogisms
- Transitive Relations
- Representational Stencils

### Organisation of Dots

This example of an instrument is to develop an ordered perception and a systematic approach to identifying patterns.



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