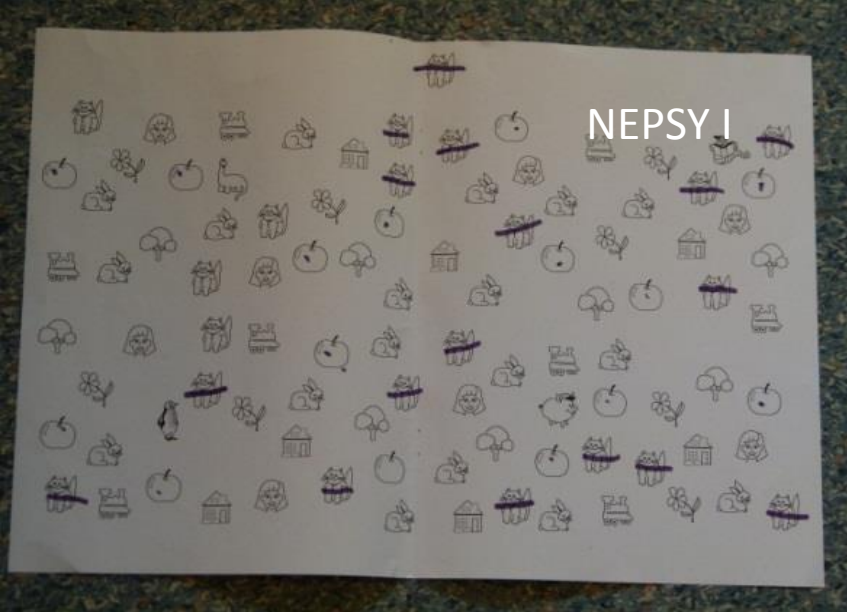





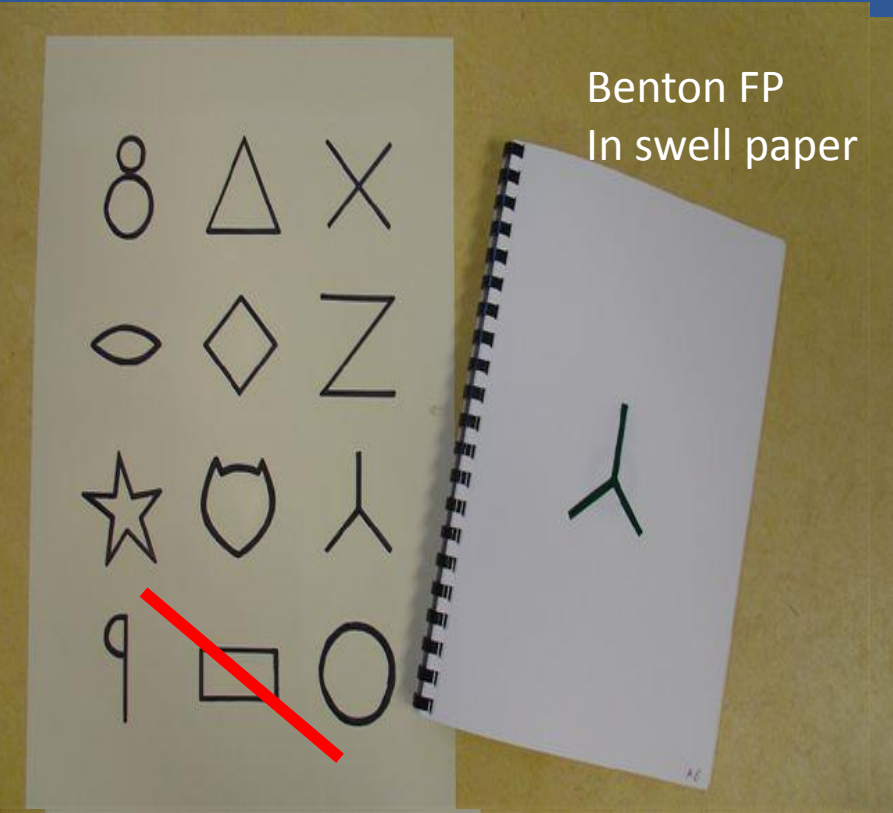
Attentional Field Development and Training in Visual Impaired Children 2-6 yrs

Drs. Marjolein Dik
GZ psychologist / neuropsychologist
Royal Dutch Visio, Amsterdam



NEPSY I

- Increasing knowledge about CVI/CTI 
- Crucial development of executive functioning

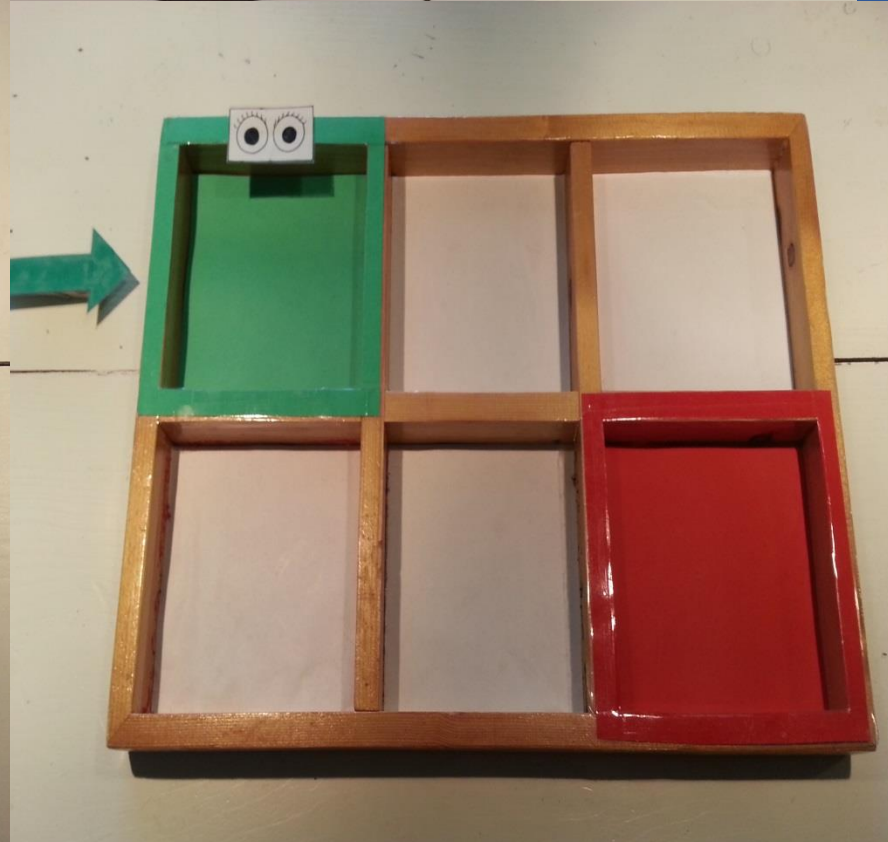
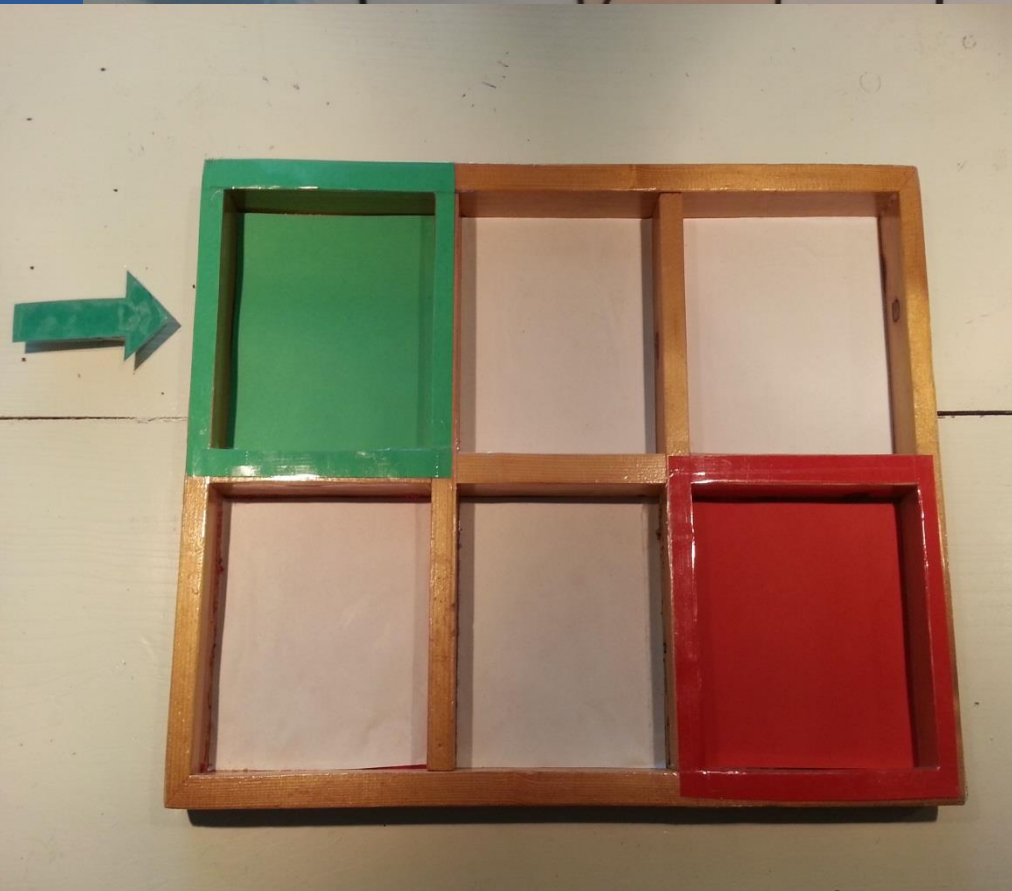


Benton FP
In swell paper

Essential to develop consciousness of attentional field (and other) limitations

Attentional field development training in young VI children

- Program?
- What do we do in this field?
- Why?
- Can we make a program out of it?
- Can we do this together in Europe?
- Please join in collecting!

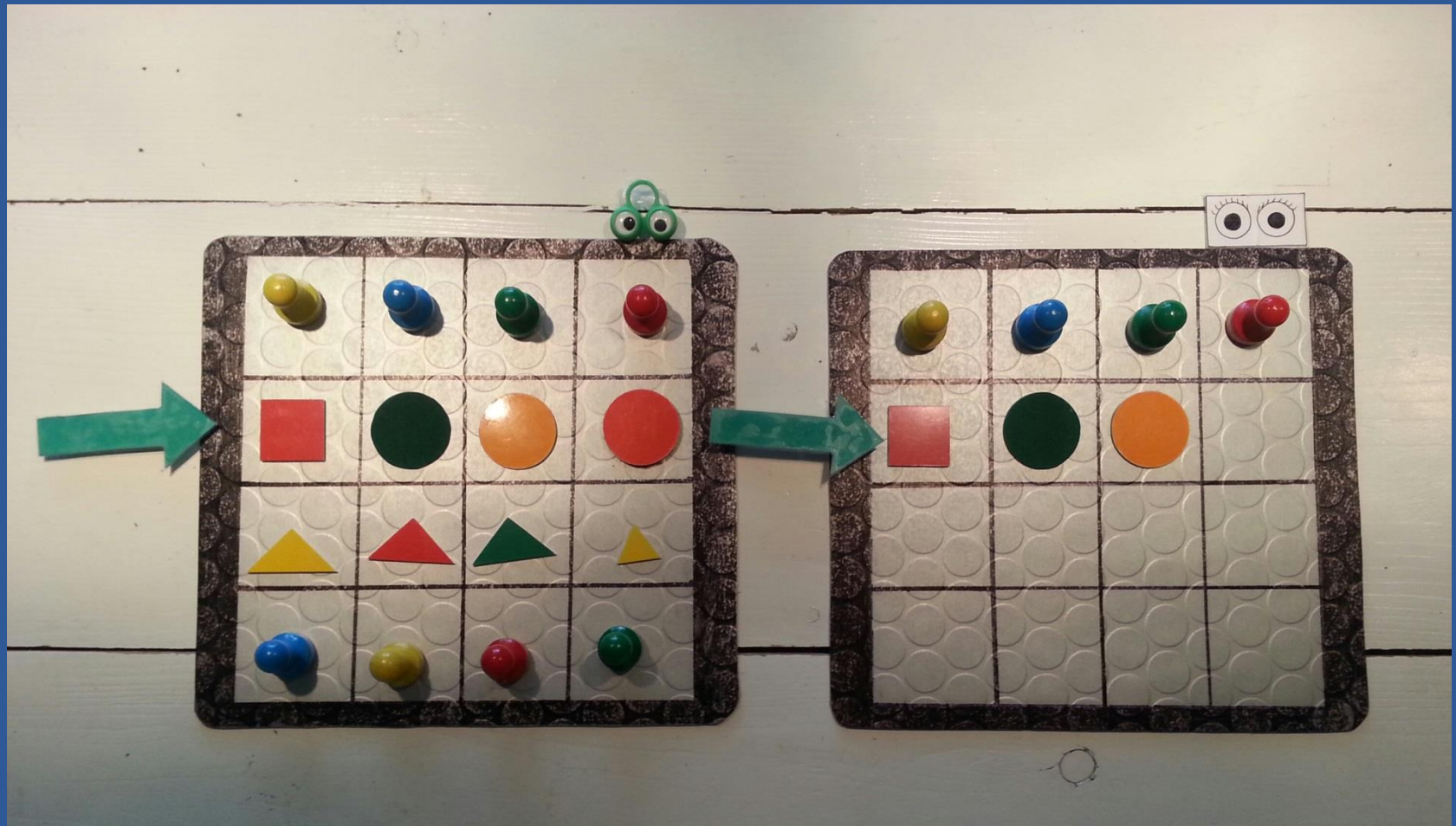




- from little to lots of material per box and search (selective attention / crowding training)
- search in a certain direction (vertical horizontal) in stead of crisscross



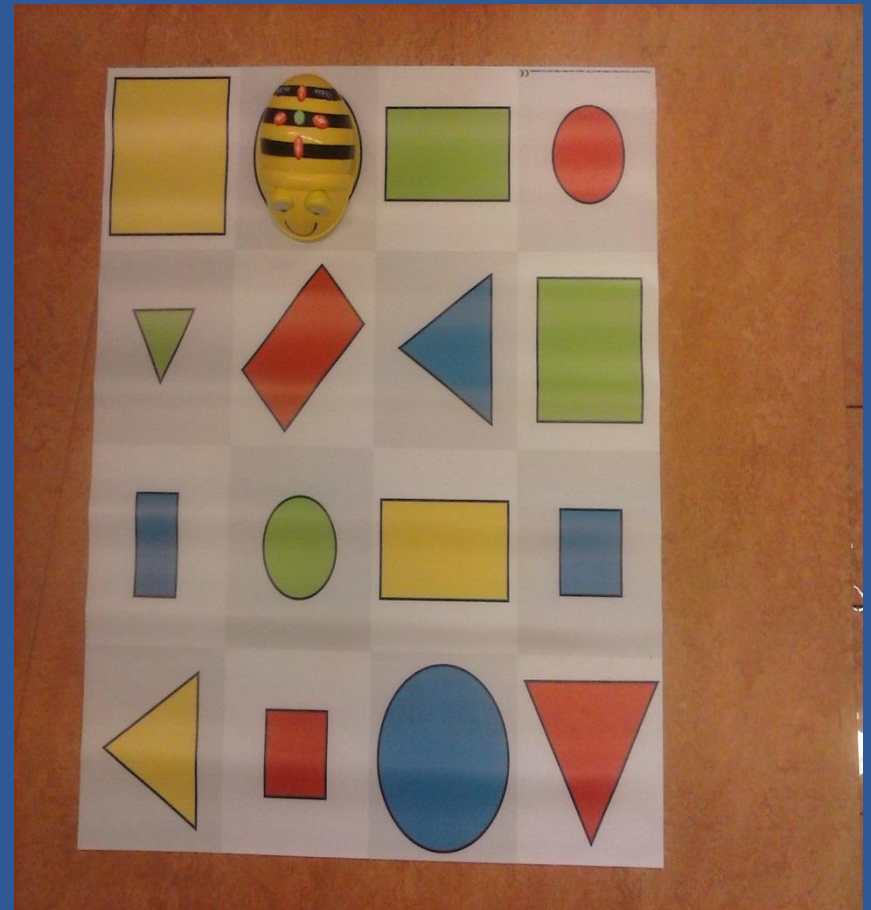
Copy the given the positions



Dubbeldam/Nienhuis



Directing attention with a plan



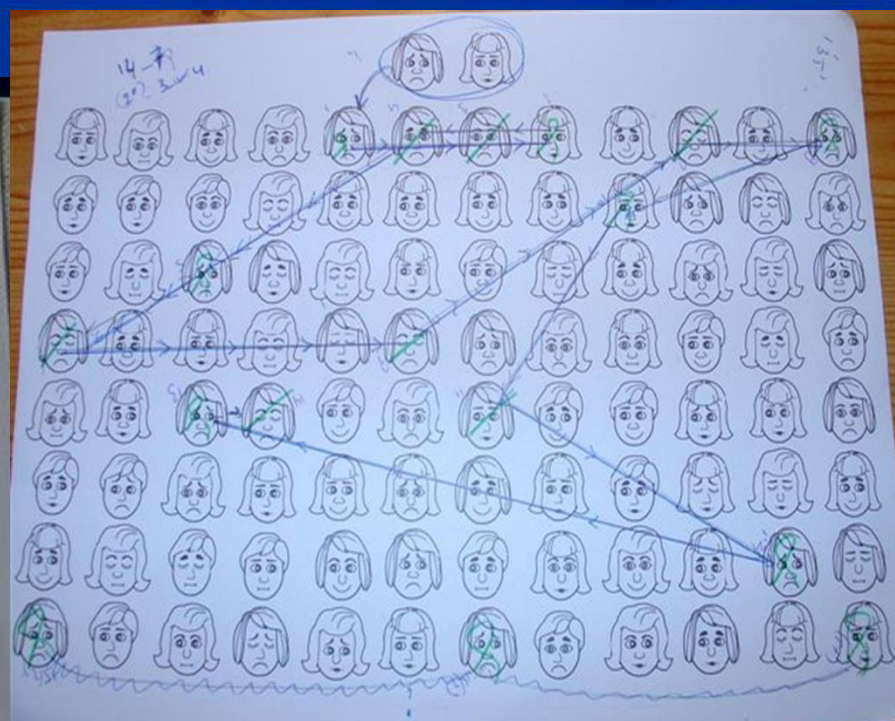
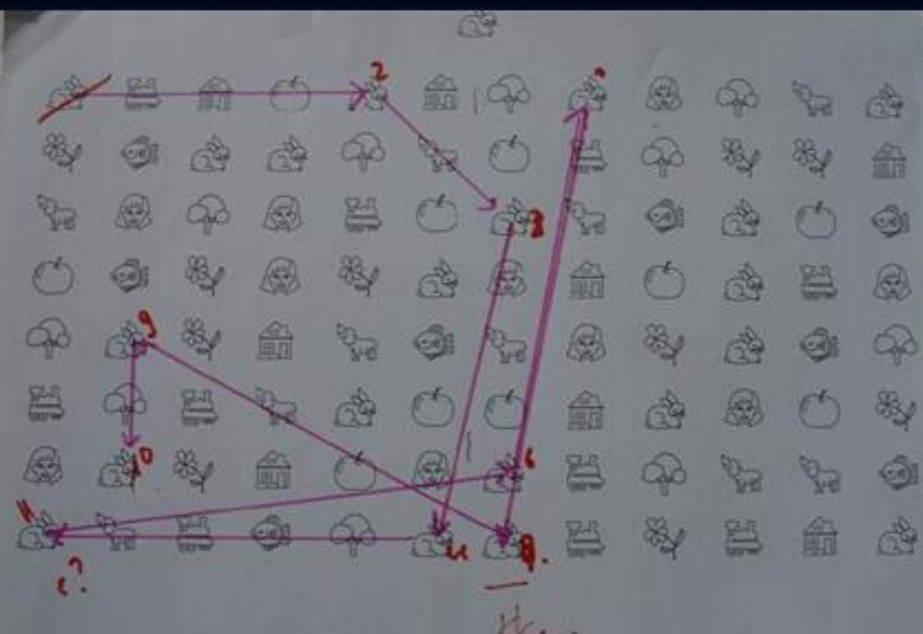
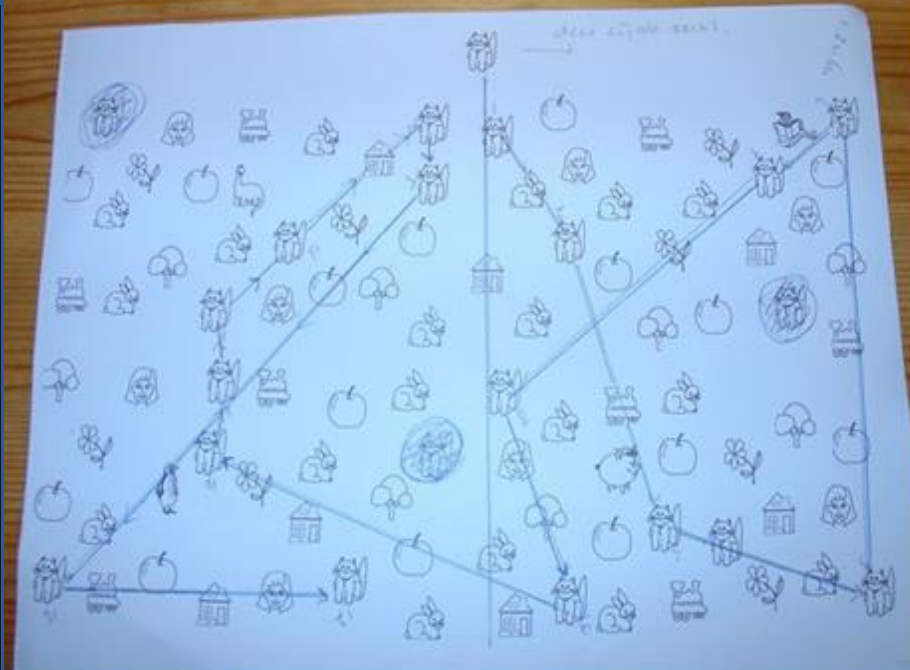
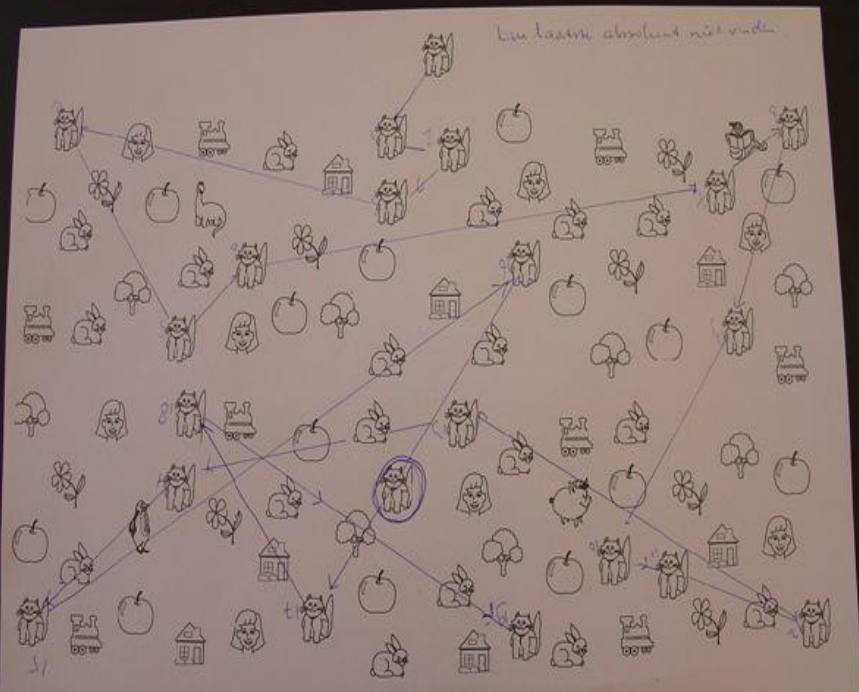
Outside?

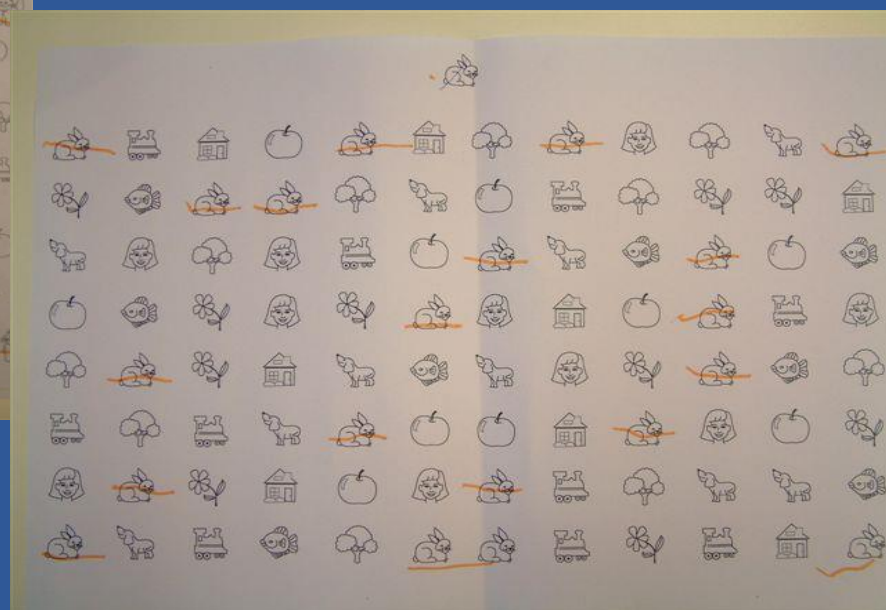
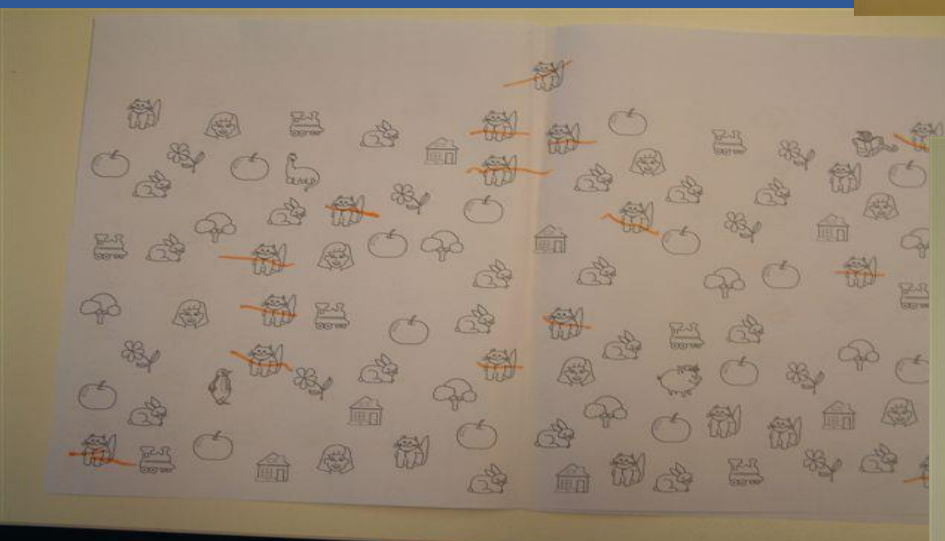
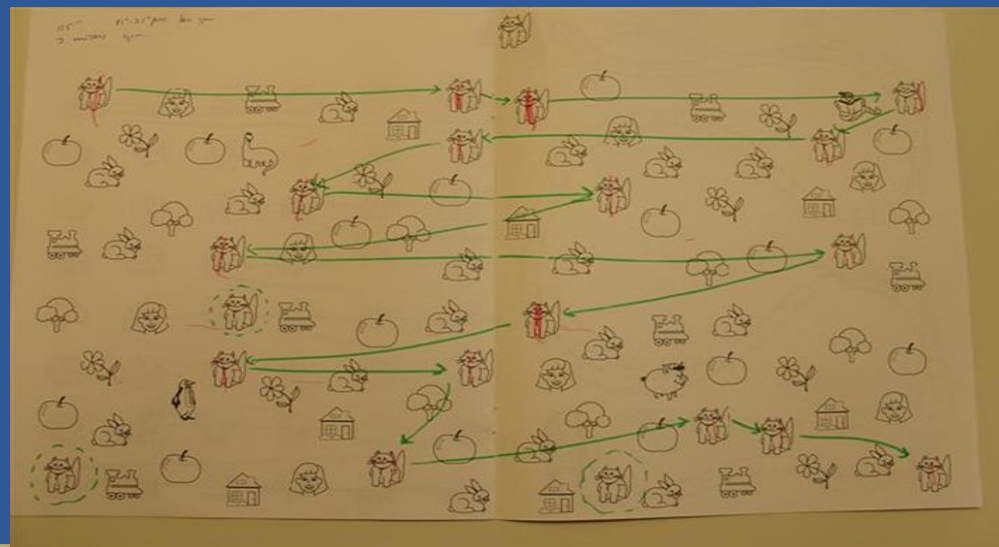
Most activities at a table

Not in free space

General attentional field development

- Babies – attentional tunnel straight ahead
- Develops into a circle around the body of the toddler
- Into a left and right attentional field (along with the lateralisation development)
- Young children always start at the right side (unless brain...)





- Selective ↴
- directing with a plan ↴



Z

N

Room full or play ground??

- Sit and talk about it
- Where to expect things???
- Exercises with (traffic) cones or other objects in free space

NB

- For blind children it is less of problem since echo localization (and other mobility) techniques are more in use

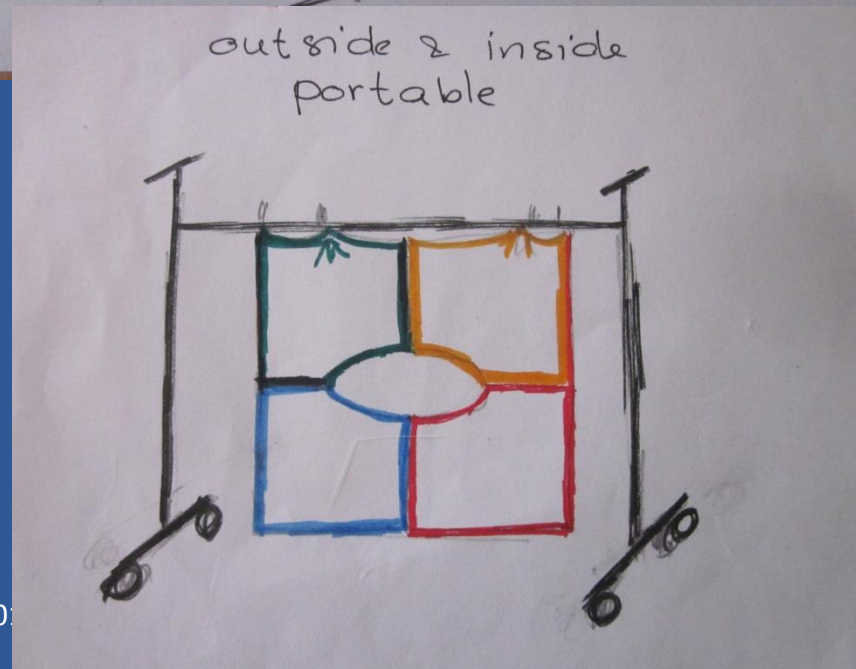
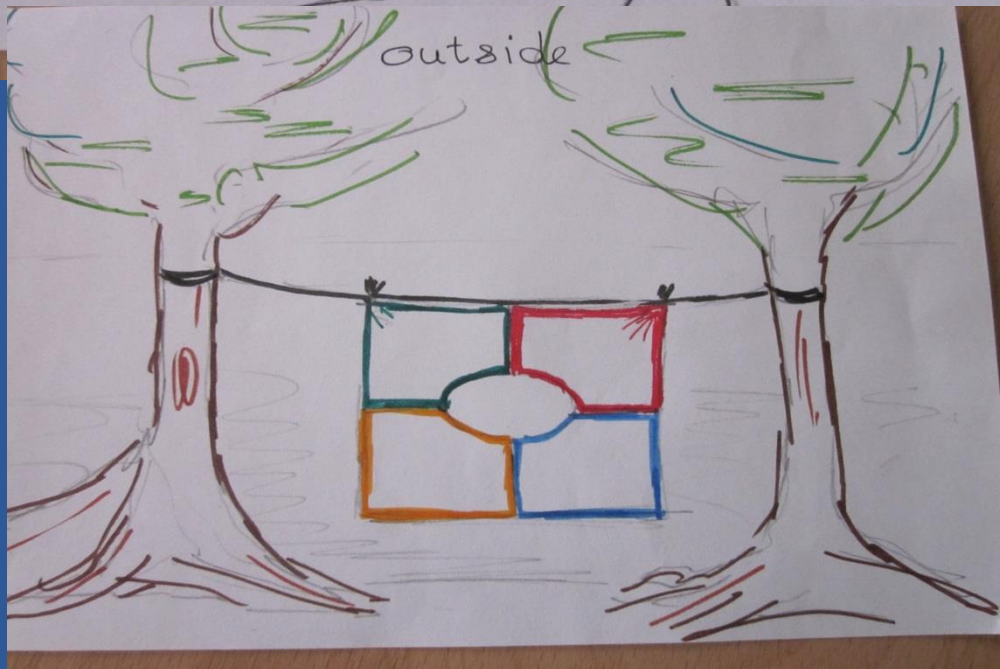
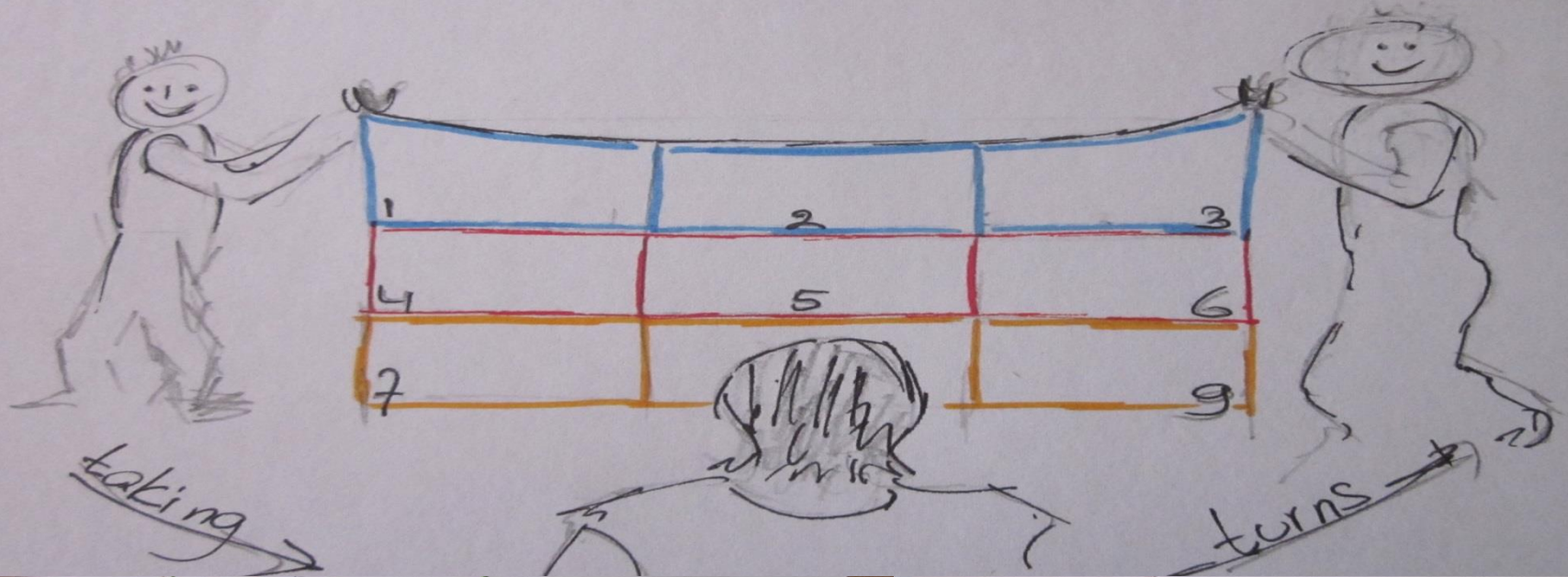
Using torches and headlights

- To support selective attention – showing where to look from a distance
- Why not show search patterns or steps?
- To develop awareness of search patterns using head lights (child and counsellor each)

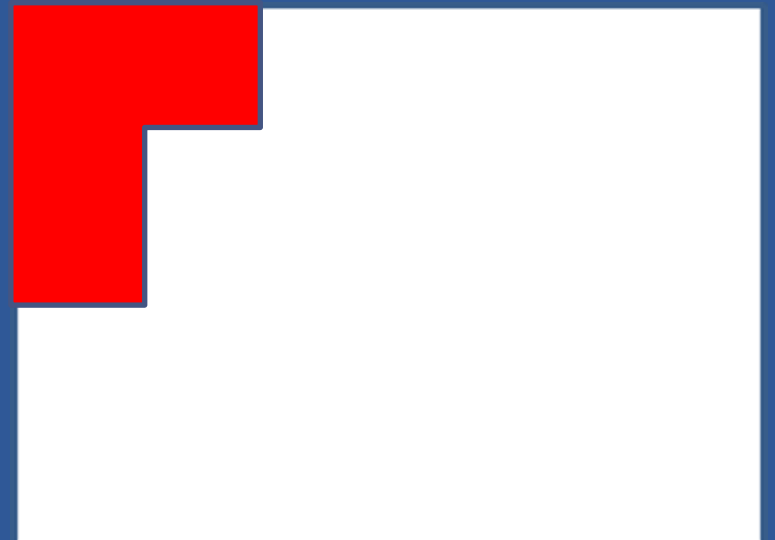
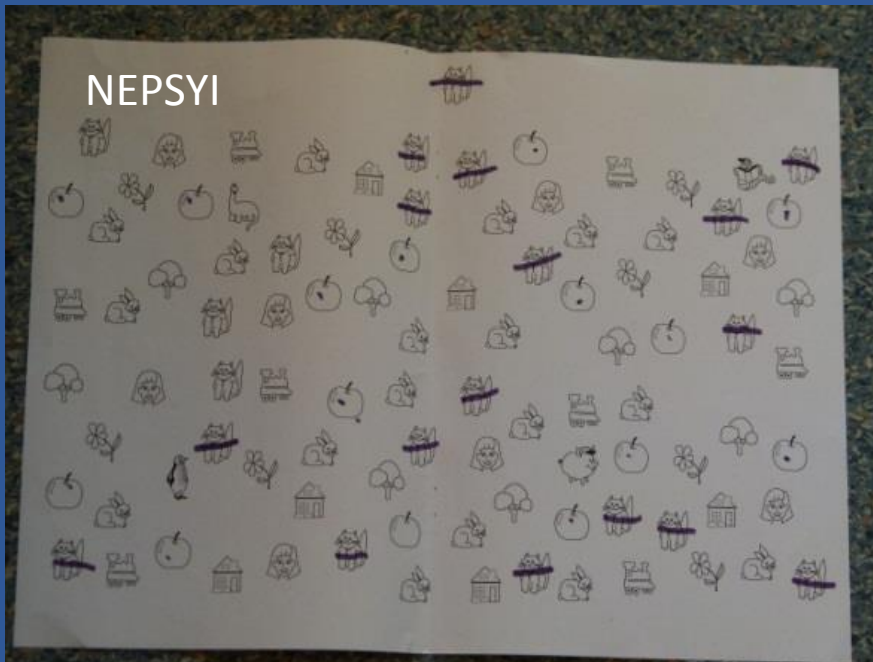
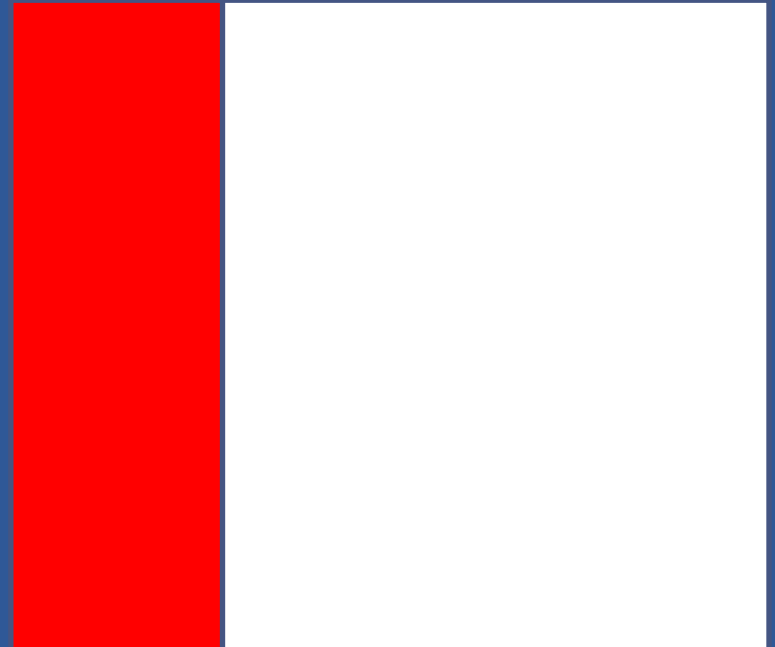


- Boxes must be open (because of acuity, reflections, wind)
- Markers must be transparent (age and child fitting)
- Markers must be logical (airplane, bird ↑, bike ↓)
- Search strategies go from
down ⇒ up later up ⇒ down;
right ⇒ left and around 5-6 left ⇒ right

playground game



Sub test Space ships Tea-Ch



- Make VI children aware of their own search patterns at an early age and show efficient search patterns much earlier in reality – advanced thinking about looking!
- Please share your excercises and ideas – I'll try and make a program out of it

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Thank you for your divided attention with Amsterdam!