

STEC Guidance
Developmental Test of Visual Perception (3rd Edition)
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Author:	Donald D. Hammill Nils A. Pearson, Judith K. Voress
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Cost	£364.80

Test Content: what tests does it include and what do they measure/evaluate?

- [Brief overview of the battery](#)
[What is its purpose or design?](#)

Five subtests that measure theoretically different but highly interrelated visual perception and visual-motor abilities.

- [How it is organised?](#)

General Visual Perception (the measure of visual perception).
This includes all the subtests.

Visual-Motor Integration (performing eye-hand coordination tasks)

1. Hand-eye coordination (draw a line along a grey path from one side of the page to the other)
2. Copying (very similar to Beery – copying geometric designs and 2D shapes)

Motor Reduced Visual Perception (the purest and most direct measure of visual perception in that only minimal motor skills are required)

3. Figure-ground (choose which shape from an array appears in the drawing at the top of the page)
4. Visual closure (choose which drawing made of dotted lines looks the same as the one at the top of the page which is made of complete lines)
5. Form constancy (choose a shape which looks similar to the one at the top of the page – it might be smaller, bigger, darker, lighter etc.)

Please note that the DTVP2-AA for children has 7 subtests rather than the 5 here (with extra tests of Visual Motor Search and Visual Motor Speed to provide a composite for Visual-Motor Efficiency).

- [Parallel forms?](#)
No

- **What types of score does it offer?**

The DTVP3 can generate:

1. Scaled scores, percentile ranks, standardised score composite scores, SEMs and statistically significant differences.

Strengths

Any strengths in:

- **Relevance to a diagnostic assessment – what useful information does each test provide and where would this be used within the report format**

- Can be used to explore aspects of motor coordination (Eye-hand coordination, Copying).

Child-friendly format with pictures.

Variety of forms to copy which give information about a child's understanding of how to copy 2D forms (NB there are no overlapping forms unlike the Beery).

- Figure-ground perception and visual closure are additional subtests not available in the Beery.

- **Rigour of standardisation**

Reasonably rigorous standardisation with acceptable levels of reliability and validity

The manual states that the sample is representative of the US as a whole, regarding geographic region, gender, race, Hispanic status, exceptionality status and household income.

- **Scoring**

It uses the familiar scoring format of converting a raw score to a scale score, then calculation of a composite.

- **Ease of administration**

Easy to administer. It makes more sense than the Beery VMI test as it does not start from the back of the booklet.

- **Time taken**

20 – 30 minutes

- **Suitability of items for the UK**

Designed and normed for US but suitable for UK students

- **Suitability of items for the age group**

Appropriate for child and presented in a child-friendly format.

- **Information provided in manual or other documents about analysing responses and what they reveal**

Observation of the candidate's performance can give qualitative insights into:

- Attention and concentration (there are so many test items that concentration might waver)

- Persistence and perseverance (some of the test items are very

challenging)

- Executive function – is the child using a methodical approach to working out the answers?
- Visual memory – how well can the child hold the image of the shape in their mind?

Issues to consider

What referral information (background information) about the adult would need to be ascertained for the assessor to know that this test should be administered?

Training

Assessors would need training in understanding what the results actually show: e.g., what does poor figure-ground perception tell us about the learner and why does it matter? What would this information add to an assessment report? Is this unnecessary testing? What recommendations should be given if difficulties were found?

Referral information

What referral information (background information) about the child would need to be ascertained for the assessor to know that this test should be administered? If the assessor is concerned about visual stress for the child and a coloured overlay is normally used on a white page, the visual close tasks may be very challenging.

Resources

Younger children often use a larger type of pencil (including a pencil grip) not specified here.

Administration

The instructions on the Figure-Ground perception are somewhat confusing: there is a shape which is greyed out but not shown as an option. There is a long verbal instruction in the Form Constancy task