Vocabulary and language assessment: Foster growth in language and literacy using the PPVT-4 / EVT-2 and the Bridge of Vocabulary

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Viktor: A Case Study

Do you know a Viktor?
Viktor: A Case Study

- Viktor is Grade/Year 7 and speaks Russian and English.
- His first language is Russian, and is spoken at home.
- Viktor has been in Australia for two years and speaks English fluently in school with his teacher and classmates.
- However, he struggles in the area of vocabulary as a result struggles with reading comprehension.

Viktor’s PPVT-4 Assessment Results

Viktor’s PPVT Report
Viktor’s EVT-2 Assessment Results

Viktor’s Receptive & Expressive Comparison Report

Score Comparison

<table>
<thead>
<tr>
<th>Test/Form</th>
<th>Test Date</th>
<th>Norm Group</th>
<th>Standard Score</th>
<th>Significance of Difference</th>
<th>% of Population with Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPVT-4 A</td>
<td>02/02/2015</td>
<td>Age</td>
<td>77</td>
<td>NS</td>
<td>&gt;25</td>
</tr>
<tr>
<td>EVT-2 A</td>
<td>02/02/2015</td>
<td>Age</td>
<td>77</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Standard Score Difference = 0

Description of Comparison

By comparing performances on EVT-2 and PPVT™-4, examiners can test hypotheses about the basis of vocabulary problems. If there is no significant difference between the two scores, the examiner may conclude that both scores reflect the examinee's vocabulary knowledge. A significant difference between the scores with the EVT-2 lower may indicate a problem of word retrieval. Conversely, a significantly higher EVT-2 score may indicate that the individual is better at demonstrating vocabulary knowledge in an open, expressive format than in a receptive, focused format.
Viktor’s Recommendations

- Viktor’s performance on the PPVT-4 and EVT-2 identifies specific areas of vocabulary strengths and weaknesses in English.
- Analysis of the results reveals that he tends to understand and use Russian vocabulary with many Tier 1 (Basic vocab) and Tier 2 (High Frequency/Multiple Meaning Vocabulary) words and those particularly suited to home environments.
- These results are consistent with performance expected of a student learning a second language, there are still areas of instruction that can be targeted to maximise Viktor’s academic success.

Intervention

1. Listening, speaking, reading, and writing
2. Antonyms and synonyms
3. Categorisation
4. Word parts
5. Rhyming
6. Compounds
7. Onomatopoeia
8. Meaning and usage
9. Storytelling
Building Blocks of Reading

From the National Reading Panel (Guidelines for Reading First)

Phonics
Fluency
Vocabulary
Comprehension
Phonemic Awareness

*Strongly related to reading comprehension*
*Correlates highly with general verbal ability*
*Has a direct impact on overall literacy development*
*One of the best predictors of academic success when starting school*
Vocabulary Demands on Students

• Children arrive in first grade with about 6,000 words
• Only about 400 words a year are directly taught by teachers
• Everyday speech consists of 5,000 to 7,000 words
• Conversations cannot make up the difference

A Multi-Module Approach

• Listening and speaking vocabularies enhance reading and writing vocabularies
• The benefits of particular practice activities cross over from one mode to another
What is the PPVT™ 4 Test?

Age Range
2 years 6 months – 90 years and older

Administration Time
10 – 15 minutes

• Designed as a measure of receptive (listening) vocabulary of children and adults
• It is an achievement test of the level of a person’s vocabulary acquisition
• A fast and easy-to-use norm-referenced listening comprehension assessment for spoken words in Standard English

Training Page B Example
**Item Sets, Start Points and Basal Sets**

**Complete Set Rule**
- administer all 12 items in the set in order, beginning with first item in the set

**Selecting the Start Item**
- recommended start item is the first item in the item set recommended for the examinee’s age

**Basal Set**
- is the lowest item set administered that contains 1 or 0 errors
- if basal is not established in first item set administered, complete set, then drop back to previous set and administer all 12 items beginning with first item
- continue until the basal is established or have reached set 1 (automatic basal set)
- in rare cases where 8 or more errors are made in set 1, the individual should be considered untestable with the PPVT-4 scale

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**Ceiling Sets and Scoring**

**Ceiling Set**
- is the highest set of items administered containing eight or more errors
- discontinue testing when ceiling is established
- remember to administer all items in the ceiling set
- the ceiling item is the last item in the ceiling set
- raw score is obtained by subtracting from the ceiling item the total number of errors over the critical range i.e. from basal item to ceiling item

**Scoring**
- record responses by circling 1, 2, 3 or 4
- write DK – if no response or says “I don’t know”
- errors – draw an oblique line through the E in the R/H column of each set.
- at the end of each item set, record the number of Es - used to determine basal & ceiling.
Scoring Example

Figure 2.11 Case 2: Aged 10 years 1 month, taking Form A

- Testing started at SET 9 due to age
- Needed to reverse order to obtain Basal – SET 4
- Ceiling – SET 9 (8 or more errors)

Scores Reported

1. Criterion-Referenced Scores
   - Raw score
   - Percent correct

2. Normative Scores
   - Standard scores
   - Percentiles
   - Normal curve equivalents (N.C.E.s)
   - Stanines

3. Growth Scores (developmental)
   - Age and grade equivalents
   - Growth Scale Value (GSVs)
   - this reflects an absolute scale of vocabulary knowledge
Completed Worksheet with Scores

See: Additional examples of completed worksheets in manual. Chapter 3 p. 24-25

Record Forms

Form A and B

- allows for multiple administrations
- high correlation between forms
- more accurate measurement of change
Uses

- Measuring response to intervention
- Useful when diagnosing reading difficulties and designing instructional interventions
- As a criterion measure, testing those for whom English is not the primary language
- Monitoring vocabulary development
- Assessing preschool readiness
- Assessing individuals who are nonverbal
  - For example, children who present with autism, psychosis or may be withdrawn.
- Testing over a wide age range (2½ - 90+ years)
  - Measurement of vocabulary deterioration, aphasia, etc.
- Assessing individuals with physical impairments
- Conducting research

Age Range
2 years 6 months to 90 years and older

Administration Time
10-15 minutes

Summary
The Expressive Vocabulary Test Second Edition (EVT-2) is:
- an individually administered
- norm-referenced instrument that measures
- expressive vocabulary and
  - word retrieval
Features

• Co-normed with the Peabody Picture Vocabulary Test – Fourth Edition (PPVT™-4 scale)

• Measures expressive vocabulary knowledge with two types of items:
  ○ Labeling
  ○ Synonyms

• Measures word retrieval by using differences between EVT-2 and PPVT-4 results

• 190 items in each form

Example 2 Item Page
### EVT-2 Start Points indicated on each record form

<table>
<thead>
<tr>
<th>Age</th>
<th>Start Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:6-3:11</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>21</td>
</tr>
<tr>
<td>5-6</td>
<td>31</td>
</tr>
<tr>
<td>7</td>
<td>41</td>
</tr>
<tr>
<td>8</td>
<td>51</td>
</tr>
<tr>
<td>9-10</td>
<td>61</td>
</tr>
<tr>
<td>11-14</td>
<td>71</td>
</tr>
<tr>
<td>15-Adult</td>
<td>81</td>
</tr>
</tbody>
</table>

### Basal and Ceiling Rules

**Basal Rule:**

5 consecutive correct items

If the basal rule is not met, administer items before the start item in reverse order until a basal is established or until Item 1 is reached.

**Ceiling Rule:**

5 consecutive incorrect items
Example of a Basal

Example of a Ceiling
Scoring Example

- Record the Ceiling Item (174)

- Record the Total Number of Incorrect Items (22)

- Minus the total number of incorrect items from the ceiling item (174-22)

Calculating the Raw Score

<table>
<thead>
<tr>
<th>Ceiling Item</th>
<th>174</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of Incorrect Items</td>
<td>22</td>
</tr>
<tr>
<td>Total Raw Score (Maximum 190)</td>
<td>152</td>
</tr>
</tbody>
</table>

Reporting Scores

Criterion-referenced Raw Score

- Normative Score
  - Standard Score
  - Percentile Rank
  - Normal Curve Equivalent (NCE)
  - Stanine

- Growth Score
  - Age Equivalent
  - Grade Equivalent
  - Growth Scale Value (GSV)
Example of a Scoring Summary

**Figure 3.2 Score Summary section of the record form completed for Sam S.**

<table>
<thead>
<tr>
<th></th>
<th>PPVT-4</th>
<th>EVT-2</th>
<th>Item Numbers</th>
<th>Noun...Verb...Attribute (Adjectives &amp; Adverbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>054</td>
<td>23</td>
<td>A1055</td>
<td>A172</td>
</tr>
<tr>
<td>Noun</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Verb</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attribute</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Uses of the EVT-2

Screening for Expressive Language Problems
Poor vocabulary skills are a valuable indicator of a possible language difficulty

Screening Preschool Children
Expressive vocabulary is a vital aspect of early language development

Measuring Word Retrieval
Direct comparison between the EVT-2 and PPVT-4 is an excellent way to screen for aphasia and other expressive language impairments in children and adults

Understanding and Assessment of Literacy Skills
Measuring an individual’s vocabulary knowledge can contribute greatly to the understanding and assessment of literacy skills

Monitoring Growth
Wide age range allows for monitoring growth from preschool through to school years and into adulthood

Research
Can be administered repeatedly

Evaluating acquisition of English words (as a criterion measure)
Evaluate the individual’s knowledge of English words
**Q-global Online Scoring**

- Scores the test quickly and accurately
- Displays a Standard Score Graphical Profile
- Produces an easily understood narrative in reports
- Generates developmentally appropriate vocabulary intervention exercises
- Displays progress over time on the Individual Growth Graph
- Displays a Group Report for monitoring progress
- Provides an Individual Receptive-Expressive Comparison Chart and narrative report (with PPVT-4 & EVT-2 results)

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**Why The Bridge of Vocabulary?**

**Easy to use**

- Covers pre-school to adult
- Contains 101 vocabulary instruction, enrichment, and intervention activities in print form
- Contains an additional 300 guided practice activities and Independent Practice
- Worksheets on CD-ROM, as well as:
  - Picture cards
  - Word cards
Viktor’s Progress

- Viktor’s English teacher has a group of students to work on specific skills as part of the school’s Learning Support program.
- Viktor’s group is using The Bridge of Vocabulary for their explicit vocabulary training as well as reading 30 minutes.
- Viktor is showing some progress in both receptive and expressive vocabulary in English as well as in his classroom performance in general.
- He’s excited to be in Year 7 and is looking forward to a challenging and rewarding first year of High School.

Purchase any PPVT-4 Complete Kit or PPVT-4 Combo Kit and receive The Bridge of Vocabulary (ISBN 9314994233049) for $41.25

SAVE $78.75

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Quote Promo Code: **BOV5000** to receive the Bridge of Vocabulary intervention for **$51.25**

- **SAVE $68.75**
- This offer is only **available** for clients who have **previously purchased** the PPVT-4 (Proof of Purchase required) and as a **phone order** by calling our Customer Services team on 1800 882 385 (Australia) or 0800 942 722 (New Zealand)

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I’m here to help

**Pearson Clinical Assessment**

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