



## Data Collection Worksheet

**Please Note:** The Data Collection Worksheet (DCW) is a tool to aid investigators to integrate the collection of PhenX measures in your study. The PhenX measures that you selected and added to your Cart are presented in the DCW in alphabetical order. The DCW includes worksheets for data collection. Variables derived from the collected data are shown in the Data Dictionary (DD) with variable names and unique PhenX variable identifiers. The collection of DCWs produced by the Toolkit is not designed as a data collection instrument. Each investigator will decide how to integrate PhenX measures into data collection for their study.

### Summary of the Test of Word Reading Efficiency (TOWRE)

The Test of Word Reading Efficiency (TOWRE) contains two subtests: the Sight Word Efficiency (SWE) subtest and the Phonetic Decoding Efficiency (PDE) subtest. The Sight Word Efficiency subtest assesses the number of printed words that can be accurately identified in 45 seconds. The Phonetic Decoding Efficiency subtest measures the number of pronounceable printed non-words that can be accurately decoded in 45 seconds.

The Test of Word Reading Efficiency (TOWRE) is a proprietary protocol and can be obtained through:

Pro-Ed, Inc.  
8700 Shoal Creek Boulevard  
Austin, Texas 78757-6897  
Telephone: 800-897-3202  
[www.proedinc.com](http://www.proedinc.com)

Protocol source: <https://www.phenxtoolkit.org/protocols/view/201401#Source>