# Commissioner's List of Approved Prekindergarten Instruments

**All instruments on this list:**

- assess prekindergarten skills in all five required domains: (1) health and wellness, (2) emergent literacy - language and communication, (3) emergent literacy - reading, (4) emergent literacy - writing, (5) mathematics;

- can be administered at the beginning, middle, and end of the year (minimally); and

- have an English and a Spanish version (or are language neutral) that are both recommended for inclusion on the Commissioner's List of Approved Prekindergarten Instruments. For more details, please read the Methods and Recommendations Final Report.

| Tool | Publisher | Approx. Cost *(Per student)* | Administration *(One-on-One, Group, Observation, Survey)* | Language(s) | Administration, Scoring and Reporting Format |
|------|-----------|------------------------------|-----------------------------------------------------------|-------------|----------------------------------------------|
| Circle Progress Monitoring System | Children's Learning Institute (CLI) at The University of Texas Health Science Center at Houston | $0.00 | One-on-One, Observation | English, Spanish | Web-based administration, scoring, and reporting platform and paper/pencil observation checklists with web-based score entry and reporting - OR - Paper/pencil administration with web-based score entry and paper/pencil observation checklists with web-based score entry. |
| COR Advantage | HighScope Educational Research Foundation | $9.99 | One-on-One, Group, Observation | Language Neutral | Artifacts, notes, work samples, checklists, etc. uploaded to/entered in web-based score entry, scoring and reporting platform. |
| CPALLS+STEM | CLI (administered through TANGO Software) | $9.50 (+ $400 per campus) | One-on-One, Observation | English, Spanish | Web-based administration, scoring, and reporting platform and paper/pencil observation checklists with web-based score entry and reporting. |
| Frog Street Assessment – Criterion Referenced Assessment | Frog Street | $13.99 | One-on-One, Observation | English, Spanish | Web-based administration, scoring, and reporting platform and paper/pencil observation checklists with web-based score entry and reporting. |
| GOLD® | Teaching Strategies, LLC | $12.99 | One-on-One, Group, Observation | Language Neutral | Artifacts, notes, work samples, checklists, etc. uploaded to/entered in web-based score entry, scoring and reporting platform. |
| LION for Prekindergarten | Liberty Source LP | $8.00 (+ $400 per campus) | One-on-One, Observation | English, Spanish | Web-based administration, scoring, and reporting platform and paper/pencil observation checklists with web-based score entry and reporting. |
| READY, SET, K! | E3 Alliance | Contact Vendor | One-on-One, Group, Observation | Language Neutral | Artifacts, notes, work samples, checklists, etc. with paper/pencil scoring and reporting. |

| Title of Assessment | Circle Progress Monitoring System |
|---|---|
| Publisher | Children's Learning Institute at The University of Texas Health Science Center at Houston |
| Language(s) | English and Spanish |
| Grade/Age Levels | 3 years - 4 years 11 months |
| Physical Format | Web-based or paper and pencil; Observation |
| Administration Format | One-on-One; Observation |
| Training Required | Yes, minimum 2-4 hours |
| Scoring Method | Computer automated (automatically scored); Web-based entry after administration |
| Available Scores | Raw, Composite, Performance category (On track, Monitor, Needs support) |
| Score Report(s) | Individual, Whole Class, Whole School, District, Small Group, Parent |
| Time per Student | 70 minutes (48 minutes directly with student; 22 minutes to complete observables) |
| Price Per Student | $0 |

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| Gross and Fine Motor Development | Very Strong |
| *Personal Health and Safety* | Very Strong |
| Self-Regulation | Very Strong |
| *Self-Concept* | Moderate |
| *Relationships with Others* | Very Strong |
| *Social Awareness* | Very Strong |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Moderate |
| *Speaking (Conversation)* | Moderate |
| *Articulation* | Very Strong |
| *Sentences and Structure* | Strong |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Strong |
| Alphabet Knowledge | Moderate |
| *Comprehension of Text* | Strong |
| *Concepts of Print* | Strong |
| *Motivation to Read* | Very Strong |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Strong |
| *Motivation to Write* | Moderate |
| *Writing as a Process* | Not at all |
| **Mathematics** | |
| Number Sense | Strong |
| Classification and Patterns | Minimal |
| *Joining and Separating* | Very Strong |
| *Geometry and Spatial Sense* | Moderate |
| *Measurement* | Minimal |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 1.1 | Teacher Friendly | 2.0 |
| Validity | 1.2 | Student Friendly | 2.0 |
| Generalizability | 2.6 | Administrator Friendly | 2.0 |
| Growth | 3.0 | | |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
When reported, internal consistency reliability and construct validity are strong. Test re-test reliability is minimal to moderate and predictive validity is moderate. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is strong.

**Reliability and Validity Limitations:**
Lower overall reliability and validity scores are due in part to inconsistent provision of evidence. No inter-rater reliability evidence and limited evidence of predictive validity was provided.

**Feasibility Strengths:**
Training requirements are minimal. An extensive set of score reports are immediately available to educators, and families have direct (PIN) access to their student reports. Scores and reports are easy to interpret. Assessment directions/tasks are easy to understand, visually appealing and engaging.

**Feasibility Limitations:**
Observational checklists require data entry in order to obtain scores and reports. Time per student is somewhat lengthy.

**Resources for Teachers:**
Grouping tool with aligned activities, wide array of instructional support and professional development tools, are all easily accessible to educators. Customizable reports are also available.

**Resources for Families:**
Families can directly access their student's reports (PIN access). Grouping tool has aligned home activities that can be shared with families.

| Title of Assessment | CPALLS+STEM |
|---|---|
| Publisher | CIRCLE Progress Monitoring administered by Tango |
| Language(s) | English and Spanish |
| Grade/Age Levels | 3 years - 4 years 11 months |
| Physical Format | Web-based administration platform; Paper/pencil with web-based entry platform |
| Administration Format | One-on-One; Observation |
| Training Required | Yes, minimum 2-4 hours |
| Scoring Method | Computer automated (automatically scored); Web-based entry after administration |
| Available Scores | Raw, Performance category (Making acceptable progress, Needs more assistance) |
| Score Report(s) | Individual, Whole Class, Whole School, District, Parent |
| Time per Student | 30 minutes (not including time to completed observations for observable) |
| Price Per Student | $9.50 (+ $400 campus fee) |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| Gross and Fine Motor Development | Moderate |
| *Personal Health and Safety* | Very Strong |
| Self-Regulation | Very Strong |
| *Self-Concept* | Moderate |
| *Relationships with Others* | Very Strong |
| *Social Awareness* | Very Strong |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Moderate |
| *Speaking (Conversation)* | Not at all |
| *Articulation* | Not at all |
| *Sentences and Structure* | Moderate |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Strong |
| Alphabet Knowledge | Moderate |
| *Comprehension of Text* | Moderate |
| *Concepts of Print* | Strong |
| *Motivation to Read* | Not at all |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Strong |
| *Motivation to Write* | Moderate |
| *Writing as a Process* | Not at all |
| **Mathematics** | |
| Number Sense | Strong |
| Classification and Patterns | Moderate |
| *Joining and Separating* | Very Strong |
| *Geometry and Spatial Sense* | Moderate |
| *Measurement* | Not at all |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 1.1 | Teacher Friendly | 2.0 |
| Validity | 1.2 | Student Friendly | 2.0 |
| Generalizability | 2.6 | Administrator Friendly | 2.0 |
| Growth | 3.0 | | |

CPALLS+STEM is presented as a stand-alone instrument as there are some differences between CPALLS+STEM and CIRCLE.

**Reliability and Validity Strengths:**
When reported, internal consistency reliability and construct validity are strong. Test re-test reliability is minimal to moderate and predictive validity is moderate. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is strong.

**Reliability and Validity Limitations:**
Lower overall reliability and validity scores are due in part to inconsistent provision of evidence. No inter-rater reliability evidence and limited evidence of predictive validity was provided.

**Feasibility Strengths:**
Training requirements are minimal. Score reports are immediately available to educators and families. Assessment directions/tasks are easy to understand, visually appealing, and engaging.

**Feasibility Limitations:**
Observational checklists require data entry in order to obtain scores and reports.

**Resources for Teachers:**
Grouping tool with aligned activities, wide array of instructional support and professional development tools, all easily accessible to educators. Customizable reports are also available.

**Resources for Families:**
Grouping tool has aligned home activities that can be shared with families.

| Title of Assessment | Frog Street Assessment – Criterion Referenced Assessment |
|---|---|
| Publisher | Frog Street |
| Language(s) | English and Spanish |
| Grade/Age Levels | 4 - 5 year olds |
| Physical Format | Web-based administration platform; Paper/pencil administration with web-based entry platform |
| Administration Format | One-on-one; Observation |
| Training Required | Yes (training time unknown) |
| Scoring Method | Computer automated (automatically scored); Web-based entry after administration |
| Available Scores | Raw, Percent correct, Performance category (Proficient, Not developed) |
| Score Report(s) | Individual, Whole Class, Whole School, District, Parent |
| Time per Student | 65-85 minutes |
| Price Per Student | $13.99 |

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| **Gross and Fine Motor Development** | Very Strong |
| *Personal Health and Safety* | Strong |
| **Self-Regulation** | Strong |
| *Self-Concept* | Moderate |
| *Relationships with Others* | Strong |
| *Social Awareness* | Strong |
| **Emergent Literacy: Language and Communication** | |
| **Listening Comprehension** | Moderate |
| **Vocabulary** | Moderate |
| *Speaking (Conversation)* | Not at all |
| *Articulation* | Not at all |
| *Sentences and Structure* | Moderate |
| **Emergent Literacy: Reading** | |
| **Phonological Awareness** | Strong |
| **Alphabet Knowledge** | Very Strong |
| *Comprehension of Text* | Moderate |
| *Concepts of Print* | Not at all |
| *Motivation to Read* | Not at all |
| **Emergent Literacy: Writing** | |
| **Conventions in Writing** | Strong |
| *Motivation to Write* | Not at all |
| *Writing as a Process* | Not at all |
| **Mathematics** | |
| **Number Sense** | Very Strong |
| **Classification and Patterns** | Strong |
| *Joining and Separating* | Strong |
| *Geometry and Spatial Sense* | Moderate |
| *Measurement* | Very Strong |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
Reported internal consistency and content validity is strong. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is strong.

**Reliability and Validity Limitations:**
Low reliability scores are due primarily to minimal reporting of test re-test information and no evidence of inter-rater reliability. Construct and predictive validity not provided.

**Feasibility Strengths:**
Training requirements are minimal and administration is structured and easy to follow. Web-based score and reporting platform is easy to use.

**Feasibility Limitations:**
Designed to accompany a specific curriculum. Price is rather high.

**Resources for Teachers:**
Online small group planning tool which allows for student grouping by standards and learning objectives.

**Resources for Families:**
Parent performance reports are customizable with activity recommendations correlated to the targeted learning objectives.

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 0.9 | Teacher Friendly | 2.0 |
| Validity | 0.0 | Student Friendly | 2.0 |
| Generalizability | 2.7 | Administrator Friendly | 2.0 |
| Growth | 2.0 | | |

| Title of Assessment | GOLD® |
| --- | --- |
| Publisher | Teaching Strategies, LLC |
| Language(s) | Language Neutral |
| Grade/Age Levels | 0 - 8 years old (3rd grade) |
| Physical Format | Paper/pencil with web-based entry platform |
| Administration Format | One-on-One; Group, Observation |
| Training Required | Yes, full day minimally, plus completing inter-rater reliability certification |
| Scoring Method | Web-based collection of artifacts and score entry after observation |
| Available Scores | Raw, Scaled, National norm scores, Performance category (Widely Held Expectations) |
| Score Report(s) | Individual, Whole Class, Whole School, Parent |
| Time per Student | 17-27 min. recording observations during instruction when employing best practices |
| Price Per Student | $12.99 |

| Domains and Skills | |
| --- | --- |
| **Health and Wellness** | |
| Gross and Fine Motor Development | Very Strong |
| *Personal Health and Safety* | Minimal |
| Self-Regulation | Strong |
| *Self-Concept* | Minimal |
| *Relationships with Others* | Strong |
| *Social Awareness* | Moderate |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Strong |
| *Speaking (Conversation)* | Very Strong |
| *Articulation* | Strong |
| *Sentences and Structure* | Very Strong |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Strong |
| Alphabet Knowledge | Very Strong |
| *Comprehension of Text* | Very Strong |
| *Concepts of Print* | Very Strong |
| *Motivation to Read* | Minimal |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Strong |
| *Motivation to Write* | Minimal |
| *Writing as a Process* | Minimal |
| **Mathematics** | |
| Number Sense | Very Strong |
| Classification and Patterns | Moderate |
| *Joining and Separating* | Moderate |
| *Geometry and Spatial Sense* | Strong |
| *Measurement* | Strong |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
| --- | --- | --- | --- |
| Reliability | 3.0 | Teacher Friendly | 1.0 |
| Validity | 0.8 | Student Friendly | 3.0 |
| Generalizability | 2.9 | Administrator Friendly | 1.0 |
| Growth | 3.0 | | |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
Reported internal consistency, test re-test reliability and inter-rater reliability are all strong. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is Strong. Construct validity is also strong.

**Reliability and Validity Limitations:**

**Feasibility Strengths:**
Administration requires minimal student time away from everyday activities and learning. Score reports are extensive and available in a variety of disaggregated ways. Several different parent facing reports are also available. Scores are easy to interpret.

**Feasibility Limitations:**
Observation and collection of anecdotal evidence is relatively time intensive. Substantial training for reliable and consistent scoring is required. Price is rather high (however, several resources are included in the cost).

**Resources for Teachers:**
Publisher offers an extensive suite of tools to assist educators regarding the use of the instrument, to support instructional application of results, and effective instruction professional development.

**Resources for Families:**
A family portal is available to facilitate parent teacher communication. Family conference forms and family activities are linked to student skills.

| Title of Assessment | COR Advantage |
|---|---|
| Publisher | HighScope Educational Research Foundation |
| Language(s) | Language Neutral |
| Grade/Age Levels | 0 - 5 year olds |
| Physical Format | Paper/pencil administration with web-based entry platform |
| Administration Format | One-on-One; Group; Observation |
| Training Required | Yes, plus inter-rater reliability certification |
| Scoring Method | Web-based collection of artifacts and score entry after observation |
| Available Scores | Raw, Domain average, Performance category (Meets or above, Below level) |
| Score Report(s) | Individual, Whole Class, Whole School, Parent |
| Time per Student | 30 minutes to complete ratings online, after collection of evidence/observational period |
| Price Per Student | $9.99 |

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| Gross and Fine Motor Development | Very Strong |
| *Personal Health and Safety* | Very Strong |
| Self-Regulation | Strong |
| *Self-Concept* | Moderate |
| *Relationships with Others* | Strong |
| *Social Awareness* | Minimal |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Minimal |
| *Speaking (Conversation)* | Moderate |
| *Articulation* | Not at all |
| *Sentences and Structure* | Moderate |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Moderate |
| Alphabet Knowledge | Minimal |
| *Comprehension of Text* | Minimal |
| *Concepts of Print* | Minimal |
| *Motivation to Read* | Minimal |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Strong |
| *Motivation to Write* | Minimal |
| *Writing as a Process* | Minimal |
| **Mathematics** | |
| Number Sense | Moderate |
| Classification and Patterns | Moderate |
| *Joining and Separating* | Minimal |
| *Geometry and Spatial Sense* | Very Strong |
| *Measurement* | Moderate |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 2.8 | Teacher Friendly | 1.0 |
| Validity | 0.6 | Student Friendly | 3.0 |
| Generalizability | 1.0 | Administrator Friendly | 3.0 |
| Growth | 1.0 | | |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
Reported internal consistency, test re-test and inter-rater reliability are strong. Construct validity is moderate to minimal. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is strong.

**Reliability and Validity Limitations:**
No evidence of predictive validity was provided.

**Feasibility Strengths:**
Web-based score and reporting platform is easy to use and disaggregated reports are easily generated. Extensive implementation support is provided by the publisher. Student time is minimal as data is gathered from observation of everyday activities and learning.

**Feasibility Limitations:**
Observation and collection of anecdotal evidence is relatively time intensive. Substantial training for reliable and consistent scoring is required.

**Resources for Teachers:**
Online system provides digital lessons planning support and pre-loaded sample lessons to use or build on. Learning activities targeting student needs are also available.

**Resources for Families:**
Online system allows for sharing of gathered anecdotal information with families. Families activities to support student learning in areas of need are linked and sharable with families.

| Title of Assessment | LION for Prekindergarten |
|---|---|
| Publisher | Liberty Source LP |
| Language(s) | English and Spanish |
| Grade/Age Levels | 3 - 5 year olds |
| Physical Format | Web-based; paper/pencil; observation |
| Administration Format | One-on-One; Observation |
| Training Required | Yes, 3 hours (+2 hours for reporting, differentiated instruction and grouping) |
| Scoring Method | Computer automated (automatically scored); Web-based entry after administration |
| Available Scores | Raw, Percent correct, Performance category (Mastered, Striving, Intervention) |
| Score Report(s) | Individual, Whole Class, Whole School, District, Parent |
| Time per Student | 65 minutes (not including observation time for checklists) |
| Price Per Student | $8 (+ $400 Data processing and hosting fee per campus) |

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| Gross and Fine Motor Development | Strong |
| *Personal Health and Safety* | Strong |
| Self-Regulation | Very Strong |
| *Self-Concept* | Very Strong |
| *Relationships with Others* | Very Strong |
| *Social Awareness* | Very Strong |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Strong |
| *Speaking (Conversation)* | Very Strong |
| *Articulation* | Not at all |
| *Sentences and Structure* | Strong |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Very Strong |
| Alphabet Knowledge | Moderate |
| *Comprehension of Text* | Minimal |
| *Concepts of Print* | Strong |
| *Motivation to Read* | Moderate |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Very Strong |
| *Motivation to Write* | Moderate |
| *Writing as a Process* | Not at all |
| **Mathematics** | |
| Number Sense | Very Strong |
| Classification and Patterns | Very Strong |
| *Joining and Separating* | Very Strong |
| *Geometry and Spatial Sense* | Very Strong |
| *Measurement* | Very Strong |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 2.4 | Teacher Friendly | 2.0 |
| Validity | 1.1 | Student Friendly | 2.0 |
| Generalizability | 2.3 | Administrator Friendly | 2.0 |
| Growth | 2.0 | | |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
Reported internal consistency, test re-test and inter-rater reliability is moderate to strong. When provided, construct validity strong. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is very strong.

**Reliability and Validity Limitations:**
Minimal evidence on predictive validity provided (literacy composite only).

**Feasibility Strengths:**
Initial training requirements are minimal. Training data use and application in the classroom also available. Web-based system is child friendly and engaging. Web-based score and reporting platform is easy to use. Some skills are assessed through student led online assessment, reducing teacher administration time.

**Feasibility Limitations:**
Some skills assessed through observation checklists that require additional time for data entry.

**Resources for Teachers:**
Online system provides access to activities linked to 2022 Texas PK Outcomes that are easy to access. Districts may also add custom resources.

**Resources for Families:**
LION Parents/LEON Padres online system provides parents with access to student reports and progress as well as family friendly instructional resources and links to activities.

| Title of Assessment | READY, SET, K! |
|---|---|
| Publisher | E3 Alliance |
| Language(s) | Language Neutral |
| Grade/Age Levels | 4 - 5 year olds |
| Physical Format | Paper/pencil |
| Administration Format | One-on-one; Group; Observation |
| Training Required | Yes, 6 hours for teachers new to Ready Set K! |
| Scoring Method | Paper/pencil (manual) |
| Available Scores | Domain average scores, Performance category (Focus; Ready; Set; Go) |
| Score Report(s) | Individual, Whole Class, Parent (report card format) |
| Time per Student | Approx. 60 min. to administer and score (after 9-week observation and evidence/period) |
| Price Per Student | Contact Vendor |

| Domains and Skills | |
|---|---|
| **Health and Wellness** | |
| Gross and Fine Motor Development | Very Strong |
| *Personal Health and Safety* | Very Strong |
| Self-Regulation | Very Strong |
| *Self-Concept* | Not at all |
| *Relationships with Others* | Strong |
| *Social Awareness* | Very Strong |
| **Emergent Literacy: Language and Communication** | |
| Listening Comprehension | Very Strong |
| Vocabulary | Moderate |
| *Speaking (Conversation)* | Strong |
| *Articulation* | Not at all |
| *Sentences and Structure* | Very Strong |
| **Emergent Literacy: Reading** | |
| Phonological Awareness | Moderate |
| Alphabet Knowledge | Very Strong |
| *Comprehension of Text* | Strong |
| *Concepts of Print* | Not at all |
| *Motivation to Read* | Not at all |
| **Emergent Literacy: Writing** | |
| Conventions in Writing | Moderate |
| *Motivation to Write* | Moderate |
| *Writing as a Process* | Not at all |
| **Mathematics** | |
| Number Sense | Moderate |
| Classification and Patterns | Minimal |
| *Joining and Separating* | Not at all |
| *Geometry and Spatial Sense* | Moderate |
| *Measurement* | Not at all |

*3 = Strong; 2 = Moderate; 1 = Minimal; 0 = No evidence*

| Psychometrics | Score | Feasibility | Score |
|---|---|---|---|
| Reliability | 0.8 | Teacher Friendly | 1.0 |
| Validity | 1.2 | Student Friendly | 2.0 |
| Generalizability | 2.5 | Administrator Friendly | 1.0 |
| Growth | 2.0 | | |

The chart (left) shows the instrument's content alignment to the full 2022 Texas PK Outcomes. The skills in bold are scored for inclusion in the Commissioner's list.

**Reliability and Validity Strengths:**
Internal consistency and predictive validity are strong. Content alignment to targeted (bolded) 2022 Texas PK Outcomes skills is strong.

**Reliability and Validity Limitations:**
Test retest, interrater reliability evidence, and construct validity not provided, resulting in lower overall reliability and validity scores.

**Feasibility Strengths:**
Rubrics to guide observations and scoring are provided. Student time is minimal as observations are conducted during regular instructional activities and learning.

**Feasibility Limitations:**
Observation windows span 9-week periods and ongoing collection of notes and evidence. Training requirements are more extensive and include training on authentic assessment and scoring. Training costs are rather high. Reports are paper based only and are rather limited in scope.

**Resources for Teachers:**
No instructional support resources aligned to the assessment were presented.

**Resources for Families:**
Instructional support resources for families is limited to a standard Parent Get Ready for School Guide. No resources directly linked to the instrument and specific student skills were presented.