## Onterpretive Guide

English I, English II, Algebra I
Geometry, U.S. History, and Biology
2021-2022


Dr. Cade Brumley
State Superintendent of Education

# For further information, contact the Louisiana Department of Education 844-268-7320 

## assessment@la.gov

The mission of the Louisiana Department of Education (LDOE) is to ensure equal access to education and to promote equal excellence throughout the state. The LDOE is committed to providing Equal Employment Opportunities and is committed to ensuring that all of its programs and facilities are accessible to all members of the public. The LDOE does not discriminate on the basis of age, color, disability, national origin, race, religion, sex, sexual orientation, gender identity, political affiliation, or genetic information. Inquiries concerning the LDOE's compliance with Title IX and other civil rights laws may be directed to the Attorney, LDOE, Exec. Office of the General Counsel, P.O. Box 94064, Baton Rouge, LA 70804-9064; 877.453.2721 or customerservice@la.gov. Information about the federal civil rights laws that apply to the LDOE and other educational institutions is available on the website for the Office of Civil Rights, USDOE, at http://www2.ed.gov/about/offices/list/ocr/index.html.

This public document was published at a cost of $\$ 1,000$. This Web-only document was published for the Louisiana Department of Education, P.O. Box 94064, Baton Rouge, LA 70804-9064, by Data Recognition Corporation, 13490 Bass Lake Road, Maple Grove, MN 55311. This material was printed in accordance with the standards for printing by State Agencies established pursuant to R.S. 43:31.
© 2021, Louisiana Department of Education

## TABLE OF CONTENTS

INTRODUCTION TO THE INTERPRETIVE GUIDE ..... 1
Overview ..... 1
Purpose of the Interpretive Guide ..... 1
Test Design ..... 1
The English I and English II Tests .....  1
The Algebra I and Geometry Tests ..... 3
The U.S. History Test ..... 3
The Biology Test ..... 4
Scoring ..... 5
English I and English II Item Types and Scoring ..... 5
Algebra I and Geometry Item Types and Scoring ..... 6
U.S. History Item Types and Scoring ..... 6
Biology Item Types and Scoring ..... 6
Interpreting Scores and Achievement Levels ..... 7
Scale Score ..... 7
Achievement Level Definitions ..... 7
Student Rating by Reporting Category and Subcategory ..... 9
Achievement Level Policy Definitions ..... 9
Achievement Level Descriptors ..... 9
Cut Scores ..... 9
STUDENT-LEVEL REPORTS ..... 10
Sample Student Report: Explanation of Results and Terms ..... 10
Sample Student Report A ..... 12
Sample Student Report B ..... 13
Parent Guide to the LEAP 2025 High School Student Reports ..... 14
SCHOOL ROSTER REPORT ..... 15
Sample School Roster Report: Explanation of Results and Terms ..... 15
Sample School Roster Report ..... 16

This page was intentionally left blank.

## INTRODUCTION TO THE INTERPRETIVE GUIDE

## OVERVIEW

## Purpose of the Interpretive Guide

This interpretive guide is designed to help school system and school administrators, teachers, parents, and the general public better understand the LEAP 2025 high school tests. Through a better understanding of the assessments, school and school system personnel will be able to use the results in more strategic ways.

Testing requirements for graduation are based on a student's first entry to high school. All students must continue to pass one of each of three subject pairs as listed below:

- For All Students: Algebra I or Geometry
- For All Students: Biology or U.S. History
- For Students who entered high school prior to 2017-2018: English II or End-of-Course (EOC) English III*
- For students who entered high school in 2017-2018 or thereafter: English I or English II
*Beginning in 2019-2020, EOC English III will be administered by school systems only.
Students qualify for a COVID-19 exemption from a subject test if they earned the credit for the course in the spring of 2020 and they never took the course assessment in a prior year.
The information that follows describes the LEAP 2025 high school assessments administered in 2021-2022, and provides information about how to read and interpret the data on the 2021-2022 assessment reports.


## TEST DESIGN

## The English I and English II Tests

The LEAP 2025 English I and II assessments focus on an integrated approach to reading and writing that reflects instruction in an effective ELA classroom and measures a student's ability to understand what they read and express that understanding in writing. The English I and English II tests are each comprised of three sessions. Two of the three sessions contain writing
tasks. All students will take the Research Simulation Task. The other task will be either the Literary Analysis Task or the Narrative Writing Task.
The tasks are described below.

- Research Simulation Task-mirrors the research process by presenting three texts on a given topic. Students answer a set of selected-response questions about the texts and then write an extended response about some aspect of the related texts.
- Literary Analysis Task—provides students an opportunity to show their understanding of literature. Students read two literary texts, answer a set of selected-response questions about the texts, and write an extended response that compares and/or explains key literary ideas or elements in the texts.
- Narrative Writing Task-asks students to read a literary text, answer a set of selected-response questions about the text, and then create a narrative related to the text.

Session 1 consists of either the Literary Analysis Task and an additional passage set with one text or the Research Simulation Task, administered by itself.
Session 2 consists of either the Research Simulation Task, administered by itself, or the Narrative Writing Task and an additional passage set with one text or a pair of related texts.
Session 3, Reading Literary and Informational Texts, asks students to read texts and answer questions to show their understanding of each text. The reading selections may include fiction (e.g., short stories, novel excerpts, poems) and nonfiction (e.g., informational texts from across the disciplines of science, history, and the arts). Students will answer only selectedresponse questions about each text. No writing is included in this session.
Table 1 (on the next page) outlines the two possible designs of the LEAP 2025 English I and English II tests. The first part of the table shows the test design when the Literary Analysis Task is administered, while the second part of the table shows the test design when the Narrative Writing Task is administered. The number of texts listed in session 3 of the table reflects the operational test only. An additional passage set will also be included for field test purposes.
More information regarding test design can be found in the LEAP 2025 Assessment Guide for English I and English II.

Table 1: LEAP 2025 English I and English II Test Design
Literary Analysis Task Administered

| Test <br> Session | Focus of Session | Number of Passages | Number/Type of Items | Subcategories Measured |
| :---: | :---: | :---: | :---: | :---: |
| Session 1 | Literary Analysis Task <br> AND <br> Reading Passage Set | 2 | 6 questions about texts | Reading Literary Text and Reading Vocabulary |
|  |  |  | 1 writing prompt | Reading Literary Text, Written Expression, and Knowledge and Use of Language Conventions |
|  |  | 1 | 4 questions about text | Reading Literary Text or Reading Informational Text, and Reading Vocabulary |
| Session 2 | Research Simulation Task | 3 | 8 questions about texts | Reading Informational Text and Reading Vocabulary |
|  |  |  | 1 writing prompt | Reading Informational Text, Written Expression, and Knowledge and Use of Language Conventions |
| Session 3 | Reading Literary and Informational Texts | 2-3 | 10 questions about texts | Reading Literary Texts, Reading Informational Texts, and Reading Vocabulary |
| OR |  |  |  |  |
| Narrative Writing Task Administered |  |  |  |  |
| Test Session | Focus of Session | Number of Passages | Number/Type of Items | Subcategories Measured |
| Session 1 | Research Simulation Task | 3 | 8 questions about texts | Reading Informational Text and Reading Vocabulary |
|  |  |  | 1 writing prompt | Reading Informational Text, Written Expression, and Knowledge and Use of Language Conventions |
| Session 2 | Narrative Writing Task <br> AND <br> Reading Passage Set | 1 | 4 questions about text | Reading Literary Text and Reading Vocabulary |
|  |  |  | 1 writing prompt | Written Expression and Knowledge and Use of Language Conventions |
|  |  | 1-2 | 6 questions about text(s) | Reading Literary Text and/or Reading Informational Text and Reading Vocabulary |
| Session 3 | Reading Literary and Informational Texts | 2-3 | 10 questions about texts | Reading Literary Texts, Reading Informational Texts, and Reading Vocabulary |

## The Algebra I and Geometry Tests

Students in Louisiana are ready for college or a career if they are able to meet college and workplace expectations without needing remediation in mathematics skills and concepts. The Louisiana Student Standards for Mathematics (LSSM) support students to become mathematically proficient by focusing on three components of rigor: conceptual understanding, procedural skill and fluency, and application. The LEAP 2025 Algebra I and Geometry assessments focus on the components of rigor reflected in high-quality mathematics tasks that:

- require students to demonstrate understanding of mathematical reasoning in mathematical and applied contexts;
- assess accurate, efficient, and flexible application of procedures and algorithms;
- rely on application of procedural skill and fluency to solve complex problems; and
- require students to demonstrate mathematical reasoning and modeling in real-world contexts.

Each item on the LEAP 2025 Algebra I and Geometry assessments is aligned to one of four reporting categories: Major Content, Additional \& Supporting Content, Expressing Mathematical Reasoning, and Modeling \& Application. Because a large portion of the test points are reported as Major Content, it is further reported by the following subcategories.

- Algebral:
- Interpreting Functions
- Solving Algebraically
- Solving Graphically/Rate of Change
- Geometry:
- Congruence Transformations/Similarity
- Similarity in Trigonometry/Modeling \& Applying

The points in these reporting subcategories can differ depending on the form of the test taken. Not all items assessed under Major Content are reported in reporting subcategories. More information about the reporting subcategories can be found in the assessment guides for Algebra I and Geometry at
https://www.louisianabelieves.com/resources/library/assessment-guidance.

These reporting categories provide parents and educators with valuable information about overall student performance, including readiness to continue further study in mathematics; student performance, which may help identify when students need additional support or more challenging work; and how well schools and school systems are helping students achieve higher expectations.

Table 2 (below) shows the total number of points for each reporting category by subject. More information regarding test design can be found in the course-level assessment guides at https://www.louisianabelieves.com/ resources/library/assessment-guidance.

Table 2: LEAP 2025 Algebra I and Geometry Points per Subject by Reporting Category

| Reporting Category | Algebra I | Geometry |
| :--- | :---: | :---: |
| Major Content | 28 | 26 |
| Additional and Supporting Content | 14 | 16 |
| Expressing Mathematical Reasoning | 11 | 11 |
| Modeling and Application | 15 | 15 |
| Total | 68 | 68 |

## The U.S. History Test

The U.S. History test reflects the instructional priorities for social studies by providing students with opportunities to demonstrate their understanding of the content through a variety of item types and to engage with source documents while developing claims about U.S. history content and concepts. In this summative assessment, students apply their understanding of the content by making connections and showing relationships among ideas, people, and events within and across time and place. Students use both their content knowledge and source documents to develop their ideas and support their claims.
The test has a set-based design in which two to six related source documents provide the context from which students answer sets of four to seven questions. Item sets include selected-response questions (i.e., multiple choice, multiple select) and technology-enhanced items. Two item sets culminate with a constructed-response item. The task set contains selectedresponse questions and culminates with an extended-response item.

Sets and standalone items include a variety of source documents, such as:

- excerpts from text-based primary and/or secondary sources
- authentic and/or reproductions of historical maps
- charts, tables, and/or graphs
- timelines and/or series of events
- graphic organizers and/or diagrams
- illustrations, paintings, and/or photographs
- historical posters and/or political cartoons

The operational U.S. History test contains seven item sets, eleven standalone items, and a task set distributed across timed sessions. The test also contains embedded field-test items that do not count toward a student's final score on the test and may be placed anywhere in the designated session; they provide information that will be used to develop future test forms.
Table 3 (below) outlines the test design. More information regarding the U.S. History test can be found in the LEAP 2025 Assessment Guide for U.S. History.

| Table 3: U.S. History Test Design |  |
| :---: | :--- |
| Test Session | Component |
| Session 1 | 4 Item Sets |
|  | Standalone Items |
| Session 2 | 1 Item Set |
|  | Task Set |
| Session 3 | 2 Item Sets |
|  | Standalone Items |
|  | 7 Item Sets |
|  | 1 Task Set |
|  | 11 Standalone Items |

The test will contain embedded field-test questions (one item set and three standalone items).

Student performance on the U.S. History test is reported by standard. Scores are reported for Standards 2-6. Standard 1 (Historical Thinking Skills) is not included on the student reports, but it is critical for students to demonstrate their competency with respect to Standard 1 in order to successfully answer items assessed under Standards 2-6 and to perform well on the assessment.
Table 4 (below) shows the four reporting categories and the approximate percentage of score points for each. As the standards assessed by constructed-response items and the task set vary by administration, the percentages by reporting categories do not take constructed-response items and the task set into account.

| Table 4: LEAP 2025 U.S. History <br> Percentage of Score Points by Reporting Category |  |
| :--- | :---: |
| Reporting Category | Approximate Percentage <br> of Score Points |
| Standard 2 - Western Expansion to <br> Progressivism | 25 |
| Standard 3 - Isolationism through the Great <br> War | 17 |
| Standard 4 - Becoming a World Power <br> through World War II | 28 |
| Standards 5 and 6 - Cold War Era and the <br> Modern Age | 30 |
| Total | 100 |

## The Biology Test

The Biology test is aligned to Louisiana Student Standards for Science, which provide appropriate content for all grades or courses, maintain high expectations and create a logical connection of content across and within grades. These standards represent the knowledge and skills needed for students to successfully transition to postsecondary education and the workplace by calling for students to:

1. apply science content knowledge;
2. investigate, evaluate, and reason scientifically; and
3. connect ideas across the science disciplines of life science, physical science, earth and space science, environmental science, engineering, and technology.

All Louisiana Student Standards for Science in a Biology course are eligible for assessment. The LEAP 2025 Biology assessment examines students' performance of science and engineering practices (SEPs) in the context of disciplinary core ideas (DCls) and crosscutting concepts (CCCs). Although these SEPs are described separately, they generally function in concert. This overlap of SEPs means that assessment items must be designed around a bundle of related performance expectations (PEs) and not tested in isolation from one another. The task, which contains the extended-response question, may assess any of the standards found in the Biology course from year to year. Table 5 (below) shows the reporting category titles and descriptions.

| Table 5: LEAP 2025 Biology Reporting Categories |  |  |
| :--- | :--- | :---: |
| Reporting Category | Description | Content |
| Investigate | Ask Questions, Define <br> Problems, and Plan <br> Investigations | HS-LS1-3, HS-LS3-1 |
| Evaluate | Analyze and Interpret Data, <br> Use Mathematics and Com- <br> putational Thinking, and <br> Engage in Argument from <br> Evidence | HS-LS2-1, HS-LS2-4, <br> HS-LS2-6, HS-LS3-2, <br> HS-LS3-3, HS-LS4-1, <br> HS-LS4-3, HS-LS4-5 |
|  | Develop and Use Models, <br> Construct Explanations, and <br> Design Solutions | HS-LS1-1, HS-LS1-2, <br> HSLS1-L, HS-LS1-5, <br> HS-LS1-6, HS-LS1-7, <br> HS-LS2-7, HS-LS4-2, <br> HS-LS4-4 |

HS-LS1-8 may be assessed and would be reported as part of the overall score. This particular PE does not fit neatly into any one of the three categories; rather, it partly touches all three categories.

## SCORING

LEAP 2025 high school tests contain multiple types of items that allow students the opportunity to demonstrate their knowledge in different ways. More detailed information on these item types and scoring rubrics can be found in the LEAP 2025 Assessment Guides.

## English I and English II Item Types and Scoring

The LEAP 2025 English I and English II assessments include several types of items, as described below.

Evidence-Based Selected Response (EBSR): This item type consists of two parts (in rare instances, three parts); one part asks students to show their understanding of a text and the other part or parts ask students to identify evidence to support and extend that understanding. The EBSR items are worth two points, and students can earn partial credit (1 point).

Multiple Select (MS): This item type asks students to choose more than one correct answer and may appear as a one-part question or as an EBSR item. Whenever this item type is used, the question always identifies in boldface print the number of correct answers required. The MS items are worth two points, and students can earn partial credit (1 point). For more information about how to score the MS items, see the LEAP 2025 ELA Practice Test Guidance.

Technology Enhanced (TE): This item type uses technology (e.g., drag and drop, drop-down menu, text highlighting/select) to capture student comprehension of texts. Each TE item is worth two points, which means students can earn partial credit (1 point). For more information about the different kinds of TE items and where to find examples of each type, refer to LEAP 2025 Technology-Enhanced Item Types.

Prose Constructed Response (PCR): This item type appears at the end of each of the two tasks and asks students to create an extended and complete written response. It elicits evidence that students have understood a text or texts they have read and can communicate that understanding well, both in terms of written expression and knowledge and use of language conventions. For detailed information about the scoring of the PCRs, see the LEAP 2025 Assessment Guide for English I and English II.

## Algebra I and Geometry Item Types and Scoring

The LEAP 2025 Algebra I and Geometry assessments include the following types of items.

Multiple-Choice (MC): This item type consists of a question and four answer options with only one correct answer. The MC items are worth one point each.

Multiple-Select (MS): This item type asks students to choose more than one correct answer. Whenever this item type is used, the question always identifies in boldface print that more than one answer is required. The question may or may not specify the exact number of correct answers. The MS items are worth one point. Students must choose all correct answers and no incorrect answer can be chosen.

Short Answer (SA): This item type asks students to key numeric answers into an entry box using the keyboard. The SA items are worth one point. Unless specified in the question, a student will earn credit for an answer that is mathematically equivalent to the correct numerical answer. Answers to SA items can be positive or negative and must be entered in integer or decimal form.

Keypad Input (KI): This item type asks students to key numeric or algebraic answers in the form of fractions, mixed numbers, expressions, equations, or inequalities. The KI items are worth one point. Unless specified in the question, a student will earn credit for an answer that is equivalent to the correct numeric or algebraic response.

Constructed Response (CR): This item type asks students to create a written explanation or justification, model a process, and/or compute an answer to earn a series of points. A student may receive partial or full credit on CR items, but maximum point values will vary by task. Maximum values for CR items are three, four, or six points. When responding to a CR item, students will type their responses into a response box and have access to an equation builder tool to help type specific algebraic or geometric characters.

Technology Enhanced (TE): This item type uses technology to capture student responses. The TE items are worth one point. Students must meet the requirements of the question exactly to receive credit. The Online Tools Training (OTT) allows students to practice answering the different types of TE questions. For more information about the different kinds of TE items and where to find examples of each type, refer to LEAP 2025 Technology-Enhanced Item Types.

## U.S. History Item Types and Scoring

The LEAP 2025 U.S. History assessment includes the items that are listed below.

Selected Response (SR): This item type includes traditional multiple-choice (MC) questions with four answer options and only one correct answer as well as multiple-select (MS) questions with more than four answer options and two or more correct answers. All SR items are worth one point each and students cannot earn partial credit. MS questions for U.S. History have five to seven answer options. The question identifies the number of correct answers required.
Technology Enhanced (TE): This item type appears at or near the end of item sets and uses interactive technology to capture students' understanding in ways that cannot be accomplished by selected-response (SR) items. TE items are worth up to two points and may include interactive features such as, but not limited to, drag and drop, drop-down menus, and text highlighting. For more information about the different kinds of TE items and where to find examples of each type, refer to LEAP 2025 Technology-Enhanced Item Types.

Constructed Response (CR): This item type appears at the end of some item sets and asks students to write a brief response to a question that is scored using an item-specific rubric with a 0-2 point scale. Some CR items may include two parts in order to support the assignment of two score points.

Extended Response (ER): This item type appears at the end of the task set. The ER item asks students to write an in-depth response that expresses and develops a claim, incorporating their knowledge of the content and concepts along with evidence from the source documents. The ER item is worth up to eight points and is scored using a two-dimensional rubric that measures content and claims. Each dimension is scored using a rubric with a scale of 0-4 points.

## Biology Item Types and Scoring

The LEAP 2025 Biology assessment includes the following types of items.
Selected Response (SR): This item type includes traditional multiple-choice (MC) questions with four answer options and only one correct answer, as well as multiple-select (MS) questions with five or six answer options and more than one correct answer. For MS items, the question identifies the number of correct answers. All SR items are worth one point each.

Technology Enhanced (TE): This item type uses technology to capture student comprehension in authentic ways, previously difficult to score by machine for large-scale assessments. TE items are worth up to two points and may include item types such as, but not limited to, drag and drop, dropdown menus, and hot spots. For more information about the different kinds of TE items and where to find examples of each type, refer to LEAP 2025 Technology-Enhanced Item Types.

Two-part item: This item type requires students to answer two related questions, worth two points. Two-part items may combine SR and TE item types.

- Two-part Dependent (TPD): the first part must be correct in order to earn credit for the second part.
- Two-part Independent (TPI): each part is scored independently.

Constructed Response (CR): This item type requires a brief response provided by the student and will be scored using a 2-point rubric. Responses may be a brief paragraph of a few sentences.

Extended Response (ER): This item type asks students to write a response that expresses the students' ability to apply all three dimensions of the LSS for Science and will be scored using a 9-point rubric.

## INTERPRETING SCORES AND ACHIEVEMENT LEVELS

This section explains some key terms used in the LEAP 2025 high school reports, along with explanations about how to best use the information in the reports. Please refer to this section as needed when reading other sections of this guide or when using LEAP 2025 test reports to understand student performance or the performance of a school, a school system, or the state.

## Scale Score

## Definition

Scale scores are derived from raw scores (the sum of points for all items on the test) using methods that take into account differences in difficulty among forms within a content area or level of study. The use of scale scores avoids a misunderstanding associated with scores such as interpreting percentage correct to mean the same thing as percentage of subject matter mastered. Since test items represent only a sample of questions that could be asked, it is false to assume that a percentage of those items represents some actual percentage of information learned in
that content area. For LEAP 2025 high school, scale scores have a range of 650 to 850 for all subjects. Refer to Table 6 (on page 8 ) to see the scale score ranges

## Uses

Scale scores are used to represent student performance on LEAP 2025 tests. A higher scale score represents more knowledge, skill, and ability than a lower scale score. Scale scores for the same test can be compared regardless of when students were tested or which form was taken. For example, the scale-score range for the Basic achievement level on the LEAP 2025 high school Algebra I test is 725-749. Because the range does not change from year to year, a student who receives a scale score within this range on the LEAP 2025 high school Algebra I test in any year will score at the Basic achievement level.

## Comparability

Scale scores are comparable for results within the same grade/level of study and the same content area across years.

## Achievement Level Definitions

Achievement level definitions briefly describe the expectations for student performance at each of Louisiana's five achievement levels, described below:

- Advanced: Students performing at this level have exceeded college and career readiness expectations and are well prepared for the next level of study in this content area.
- Mastery: Students performing at this level have met college and career readiness expectations and are prepared for the next level of study in this content area.
- Basic: Students performing at this level have nearly met college and career readiness expectations and may need additional support to be fully prepared for the next level of study in this content area.
- Approaching Basic: Students performing at this level have partially met college and career readiness expectations and will need much support to be prepared for the next level of study in this content area.
- Unsatisfactory: Students performing at this level have not yet met the college and career readiness expectations and will need extensive support to be prepared for the next level of study in this content area.

Table 6 (below) lists the range of scale scores for each achievement level. More information on the Achievement Level Descriptors can be found in the Assessment Library at
https://www.louisianabelieves.com/resources/library/assessment.

## Uses

The number and percent in achievement levels are reported at the school, school system, and state levels. Since this information is based on scale scores, it is comparable across groups for the same test regardless of when the test was taken or which form was taken. Unlike scale scores, it may be used to monitor group performance over time. For example, if 15 percent of students taking the grade 8 ELA LEAP 2025 test had scores in the Mastery achievement level range last year, but 12 percent of those same students have scores in the Mastery achievement level for the English I test, then there has been a decrease in the percentage of students with scores in the Mastery achievement level for that group. This could mean that a greater percentage of students scored at a higher achievement level, a lower achievement level, or some students scored at a higher level while others scored at a lower level.

## Limitations

Because the achievement level definitions are the same across grade levels and subjects, the achievement level information offers more comparison opportunities than the scale scores. However, the achievement level only tells part of the student's story, so other relevant information (e.g., student work samples, course grades, teacher observations, etc.) should be examined when analyzing achievement levels.

| Table 6: LEAP 2025 Scale Score Ranges |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Content Area |  |  |  |  |  |  |
| Achievement Level | English I | English II | Algebra 1 | Geometry | U.S. History | Biology |
| Advanced | 791-850 | 794-850 | 805-850 | 783-850 | 774-850 | 772-850 |
| Mastery | 750-790 | 750-793 | 750-804 | 750-782 | 750-773 | 750-771 |
| Basic | 725-749 |  |  |  |  |  |
| Approaching Basic | 700-724 |  |  |  | 711-724 | 707-724 |
| Unsatisfactory | 650-699 |  |  |  | 650-710 | 650-706 |

## Student Rating by Reporting Category and Subcategory

## Definition

Performance is also broken down into reporting categories and subcategories within each subject. Included with each category or subcategory is a rating of one to three stars and a performance description (Strong, Moderate, or Weak). These ratings are linked to raw scores within each category or subcategory. Although the performance rating is determined only by the items included within a category or subcategory, the level of knowledge and ability needed to achieve a performance rating is connected to the level of knowledge and ability required by the subject-level achievement tests:

- A Strong rating requires similar knowledge and ability of at least the Mastery achievement level.
- A Moderate rating requires similar knowledge and ability as the Basic achievement level.
- A Weak rating is comparable to the knowledge and ability of the achievement levels below Basic.

The raw score needed to obtain each performance rating within a category or subcategory can vary by form and content area.

## Uses

The ratings are used to show student performance within each category or subcategory. When working with the student rosters, a school or school system can use the ratings to compare student performance within the school, school system, or state average. This information shows a student's relative standing compared to the reference group. By analyzing the subcategory performance across a group of students, a school can determine possible areas of weaknesses and strengths to adjust instruction accordingly.

## Limitations

The performance-based rating system only allows for broad interpretation of the score received in each category or subcategory and does not give a specific number value. For instance, if a student receives a Moderate rating within a subcategory, it is not known if that student's performance is closer to the Strong performance rating or closer to the Weak performance rating. There are fewer points in each subcategory, which means the information should be used in conjunction with other relevant information (e.g., student work samples, course grades, observations of teachers, etc.), especially when discussing individual student interventions.

## Achievement Level Policy Definitions

Achievement level policy definitions (provided on page 7) describe in general terms the expectations of student performance for a student to be classified into each achievement level. The definitions have been approved by the Louisiana State Board of Elementary and Secondary Education (BESE) and are in accord with other statewide assessments. They are based on input from the Louisiana Department of Education (LDOE) Technical Advisory Committee and professional staff.

## Achievement Level Descriptors

Achievement level descriptors (ALDs) are content- and grade-specific statements of the knowledge, skills, and abilities a student must demonstrate to be classified into each achievement level. A multi-step iterative process was used in developing ALDs for each assessment, which incorporated the reporting categories. Initial drafts of the ALDs were created by LDOE content staff, in cooperation with content specialists, to reflect the gradual increase in expectations across the five achievement levels. Participants from standard setting meetings had the opportunity to provide suggestions for editing the ALD drafts for each assessment based on their content recommendations for each of the cut scores. The final ALDs were produced by LDOE content staff incorporating the suggested edits generated by the standard-setting meeting participants.

## Cut Scores

A cut score is the minimum scale score associated with an achievement level. The cut scores for LEAP 2025 assessments were established through a well-defined standard-setting process, which meets national best practices.

Final approval of the achievement level cut scores was given by BESE. Student scores, including the achievement level cut scores, were transformed to a reporting scale of 650 to 850 that is divided into five scale-score ranges.

## STUDENT-LEVEL REPORTS

## Sample Student Report: Explanation of Results and Terms

Online Student Reports for each school are posted by subject and may be downloaded and printed from the DRC INSIGHT Portal (eDIRECT) (https://la.drcedirect.com) by school systems and by schools. Schools should print two copies of each report for each student. One copy should be sent home and the second copy filed in the student's cumulative folder.

The Student Report summarizes the student's performance in English I, English II, Algebra I, Geometry, U.S. History, and Biology. Two sample student reports are provided in this guide, one for English I and one for Algebra I.

- Sample Student Report A-English I
- Sample Student Report B-Algebra I

Both sample student reports present realistic data for a fictitious student and include circled numbers that identify important parts of the reports. The information that follows explains what each circled number represents and how that information may be used when analyzing the reports. It may be helpful to refer to the explanations found in the earlier section, Interpreting Scores and Achievement Levels (see page 7), when reading through this section.

## (1) overview

This section provides a brief explanation of the purpose of testing and scope of the report. It also includes information about where to find additional resources regarding testing, interpreting results, and instructional resources.

## (2) OVERALL STUDENT PERFORMANCE

Results are reported according to five achievement levels: Advanced, Mastery, Basic, Approaching Basic, and Unsatisfactory. Scale scores range from 650 to 850 (refer to Table 6 on page 8 of this guide to see the ranges of scores for each achievement level by course).

On the first sample report, the student's scale score for the English I test was 740. This corresponds to Level 3, the Basic achievement level.

The second sample report shows an Algebra I scale score of 739. This corresponds to Level 3, the Basic achievement level.

## (3) REPORTING CATEGORY AND SUBCATEGORY PERFORMANCE INDICATORS

Category and subcategory performance indicators are located below the Overall Student Performance field. Within each course there are specific skill sets students demonstrate.

These categories and subcategories are not reported using scale scores or achievement levels. Instead, they are rated using the 3-tiered system described below:

- Three stars indicate a Strong Performance and that the student exceeded or met expectations and is prepared for further study.
- Two stars indicate a Moderate Performance and that the student approached expectations and may need additional support to be fully prepared for further study.
- One star indicates a Weak Performance and that the student partially met or did not meet expectations and will need significant support for further study.


## Sample Student Report: Explanation of Results and Terms (continued)

## English I and English II Reporting Categories and Subcategories

The English I and English II tests measure the major categories of Reading and Writing and include performance ratings for each reporting category.

Student performance in Reading and Writing is also broken down further by including information about performance by subcategory.
Reading Subcategories

- Literary Text
- Informational Text
- Vocabulary

Writing Subcategories

- Written Expression
- Knowledge \& Use of Language Conventions

These performance indicators can help parents and educators understand which areas they might focus on to help the student be better prepared for the next level of study. For example, on the first sample report, the student's performance rating in the Written Expression subcategory was Moderate, meaning the student may need additional support going forward. The Strong performance rating in the subcategory Literary Text indicates the student is able to read and understand complex grade-level fiction, drama, and poetry; however, the Weak performance rating in the Vocabulary subcategory indicates this may be a specific area the student could focus on to improve overall Reading performance in the future.

## Algebra I and Geometry Reporting Categories and Subcategories

 The Algebra I test is reported by:- Major Content
- Interpreting Functions
- Solving Algebraically
- Solving Graphically/Rate of Change
- Additional \& Supporting Content
- Expressing Mathematical Reasoning
- Modeling \& Application

The Geometry test is reported by:

- Major Content
- Congruence Transformations/Similarity
- Similarity in Trigonometry/Modeling \& Applying
- Additional \& Supporting Content
- Expressing Mathematical Reasoning
- Modeling \& Application

The performance indicators on each Algebra I and Geometry category can help parents and educators understand which areas they can focus on to help the student be better prepared for the next level of study. For example, on the second sample report, the student's Moderate performance rating on the Major Content and Weak performance rating on Expressing Mathematical Reasoning may indicate that the student has a good understanding of grade-level mathematics content but struggles with how to express that understanding.

## U.S. History Reporting Categories

The U.S. History test is reported by:

- Western Expansion to Progressivism
- Isolationism through the Great War
- Becoming a World Power through World War II
- Cold War Era and the Modern Age


## Biology Reporting Categories

The Biology test is reported by:

- Investigate
- Evaluate
- Reason Scientifically


## (4) ACHIEVEMENT LEVEL DESCRIPTORS

The Student Achievement Level chart shows the score ranges and short definitions that correspond to the achievement levels. This information helps define the expectations relative to each achievement level.

Sample Student Report A



PARENT GUIDE TO THE
$\rightarrow$ LEAP 2025 STUDENT REPORTS $\leftarrow$


## SCHOOL ROSTER REPORT

## Sample School Roster Report: Explanation of Results and Terms

The School Roster Report is posted in PDF format and may be downloaded and printed from DRC INSIGHT Portal (eDIRECT) (https://la.drcedirect.com) by school systems and by schools. For most schools, the report has multiple pages.
The School Roster Report, which provides summary information about student performance on the tests, is a useful tool for identifying regular or special education students who might be performing below the school average in specific content areas. The report lists regular education students and special education students separately. It can also be helpful in determining if there are school-wide strengths or weaknesses in a particular content area.

The sample school roster report provided shows test results for fictitious high school regular and special education students and includes circled numbers that identify important parts of the report. The information that follows explains what each circled number represents and how that information may be used when analyzing the report. It may be helpful to refer to the explanations found in the earlier section, Interpreting Scores and Achievement Levels (see page 7), when reading through this section.

## (1) ACHIEVEMENT LEVEL SCALE SCORE RANGES

The scale score ranges associated with each achievement level are shown in the table at the top of the report. These ranges can be useful for understanding the achievement level rankings in relation to one another and in determining how close a student's score may be in relation to another achievement level. For example, a student receiving a scale score of 724 on the English II test would be at the Approaching Basic achievement level, but only one point away from the Basic achievement level.

## (2) ROStER OF STUDENTS TESTED

In the far left column of the sample school roster report, a list of students who tested in the school is printed alphabetically by last name and first name. The second column from the left lists the student's state identification number. Page 1 of the sample school roster report provides information for regular education students, while page 2 shows information for special education students.

## (3) PERFORMANCE DATA

Each student's performance on the high school tests can be found in the columns to the right of the student information. When reading across each row, users will see the scale score and student's achievement level.
For example, in the sample school roster report, Kenneth Carlson received a scale score of 726 on the English II test, which corresponds to the Basic achievement level.
The roster facilitates a comparison among students in the same class or school for the same content area.
By comparing this school-level information to an individual student's performance, a school can determine a student's relative standing. For instance, on page 16, Kenneth Carlson's achievement level of Basic in English II is the same as 23 percent of students.

The asterisk (*) replacing Chris Phillips's English II scale score indicates he received no score because his test was voided due to a test security violation.

If a student did not take a test and did not have a valid accountability code, the Achievement Level, Scale Score, and all performance ratings for the categories and subcategories would be blank.

## LEAP 2025 High School <br> English II <br> <Season><YYYY>

Report Date: MM/DD/YYYY
School System: Sample School System

School Roster - Regular Education Students

| 1 Achievement Level Scale Score Ranges |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Advanced | Mastery | Basic | Approaching Basic | Unsatisfactory |
| $794-850$ | $\mathbf{7 5 0 - 7 9 3}$ | $\mathbf{7 2 5 - 7 4 9}$ | $\mathbf{7 0 0 - 7 2 4}$ | $\mathbf{6 5 0 - 6 9 9}$ |


| (2) Student Name | LASID | Grade | Scale Score | 3 Achievement Level | Course Name | Teacher | Class Section |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BLAKE, THOMAS | \#\#\#\#\#\#\#\#\#\#\# | 10 | 651 | Unsatisfactory | English II | S. Johnson | 4001 |
| BROWNING, LEISHA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 717R | Approaching Basic | English II | S. Johnson | 4002 |
| CARLSON, KENNETH | \#\#\#\#\#\#\#\#\#\#\# | 10 | 726 | Basic | English II | S. Johnson | 4002 |
| CARMOUCHE, CLAIRE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 791 | Mastery | English II | S. Johnson | 4001 |
| CARTER, SAMUAL | \#\#\#\#\#\#\#\#\#\#\# | 10 | 655 | Unsatisfactory | English II | A. Bridges | 4003 |
| COLE, ANDREW | \#\#\#\#\#\#\#\#\#\#\# | 10 | 760 | Mastery | English II | A. Bridges | 4003 |
| COOK, JAMES | \#\#\#\#\#\#\#\#\#\#\# | 10 | 799 | Advanced | English II | S. Johnson | 4001 |
| COOPER, DANIEL | \#\#\#\#\#\#\#\#\#\#\# | 10 | 771 | Mastery | English II | S. Johnson | 4002 |
| EVANS, JENNIFER | \#\#\#\#\#\#\#\#\#\#\# | 10 | 740 | Basic | English II | S. Johnson | 4002 |
| GARCIA, NINA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 733 | Basic | English II | S. Johnson | 4002 |
| JONES, JOSEPH | \#\#\#\#\#\#\#\#\#\#\# | 10 | 758 | Mastery | English II | A. Bridges | 4003 |
| KOBER, KRISTINE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 822 | Advanced | English II | S. Johnson | 4001 |
| LEHR, KACIE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 844 | Advanced | English II | S. Johnson | 4001 |
| LEWIS, ALEX | \#\#\#\#\#\#\#\#\#\#\# | 10 | 736 | Basic | English II | S. Johnson | 4002 |
| MCDONALD, ALEX | \#\#\#\#\#\#\#\#\#\#\# | 10 | 680 | Unsatisfactory | English II | S. Johnson | 4001 |
| JOHNSON, WILL | \#\#\#\#\#\#\#\#\#\#\# | 10 | 690 | Unsatisfactory | English II | A. Bridges | 4003 |
| PARIS, KYLIE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 762 | Mastery | English II | S. Johnson | 4002 |
| PHILLIPS, CHRIS | \#\#\#\#\#\#\#\#\#\#\# | 10 | * |  | English II | S. Johnson | 4002 |
| ROWELL, KENDALL | \#\#\#\#\#\#\#\#\#\#\# | 10 | 742R | Basic | English II | S. Johnson | 4002 |
| SMITH, JANE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 812 | Advanced | English II | S. Johnson | 4001 |
| STELMACH, JANE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 820 | Advanced | English II | S. Johnson | 4001 |

* This test was voided due to a testing irregularity. The student is included in the total participation
count, but no score is included in the school, school system, or state averages.
$R$ indicates that this student is a retester for this subject.
This is a secure document. The information should not be publicly released

Sample School Roster Report (continued)

School: Sample Schoo
School System: Sample School System
LEAP 2025 High School
English II
<Season><YYYY>

Report Date: MM/DD/YYYY

|  |  | $1$ |  | Achievemen | vel Scale Scor | re Ranges |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Advan |  | Mastery | Basic | Approaching Basic | Unsatisfactory |
| School Roster - Special | nts | 794-85 |  | 750-793 | 725-749 | 700-724 | 650-699 |
| (2) Student Name | LASID | Grade | Scale Score | ${ }^{3}$ Achievement Level | Course Name | Teacher | Class Section |
| AMIN, KENZIE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 651 | Unsatisfactory | English II | S. Johnson | 4001 |
| BRAVO, COHAN | \#\#\#\#\#\#\#\#\#\#\# | 10 | 717R | Approaching Basic | English II | S. Johnson | 4002 |
| BROCK, MAEVE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 721 | Approaching Basic | English II | S. Johnson | 4001 |
| CAMERON, BRENNAN | \#\#\#\#\#\#\#\#\#\#\# | 10 | 663 | Unsatisfactory | English II | A. Bridges | 4003 |
| CHANEY, RIVER | \#\#\#\#\#\#\#\#\#\#\# | 10 | 745 | Basic | English II | S. Johnson | 4002 |
| CORONA, MAY | \#\#\#\#\#\#\#\#\#\#\# | 10 | 755 | Mastery | English II | S. Johnson | 4002 |
| DUNNE, MEG | \#\#\#\#\#\#\#\#\#\#\# | 10 | 688 | Unsatisfactory | English II | S. Johnson | 4001 |
| GOULD, GABRIELA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 659 | Unsatisfactory | English II | S. Johnson | 4001 |
| GUERRA, JOSEPH | \#\#\#\#\#\#\#\#\#\#\# | 10 | 777 | Mastery | English II | A. Bridges | 4003 |
| HARTMAN, LAVINIA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 747 | Basic | English II | S. Johnson | 4002 |
| HERBERT, SIENA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 709 | Approaching Basic | English II | S. Johnson | 4001 |
| HOBBS, HUZAIFA | \#\#\#\#\#\#\#\#\#\#\# | 10 | 740R | Basic | English II | S. Johnson | 4002 |
| HOLCOMB, ESTHER | \#\#\#\#\#\#\#\#\#\#\# | 10 | 690 | Unsatisfactory | English II | S. Johnson | 4001 |
| HOLDER, EESHAN | \#\#\#\#\#\#\#\#\#\#\# | 10 | 680 | Unsatisfactory | English II | A. Bridges | 4003 |
| MCMAHON, LOTTIE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 730 | Basic | English II | S. Johnson | 4002 |
| MELENIK, JESSE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 778 | Mastery | English II | S. Johnson | 4002 |
| NORTH, ADAM | \#\#\#\#\#\#\#\#\#\#\# | 10 | 692 | Unsatisfactory | English II | S. Johnson | 4001 |
| PRESCOTT, JACK | \#\#\#\#\#\#\#\#\#\#\# | 10 | 681 | Unsatisfactory | English II | S. Johnson | 4001 |
| REESE, SOPHIE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 774 | Mastery | English II | A. Bridges | 4003 |
| SAVAGE, CHANICE | \#\#\#\#\#\#\#\#\#\#\# | 10 | 741 | Basic | English II | S. Johnson | 4002 |
| VELASQUEZ, ETHAN | \#\#\#\#\#\#\#\#\#\#\# | 10 | 780 | Mastery | English II | S. Johnson | 4001 |
| R indicates that this student is a retester for this subject. |  |  |  |  |  |  |  |

Sample School Roster Report (continued)

LEAP 2025 High School
English II
<Season><YYYY>

Report Date: MM/DD/YYYY
School System: Sample School System

| Achievement Level Scale Score Ranges |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Advanced | Mastery | Basic | Approaching Basic | Unsatisfactory |  |
| $794-850$ | $\mathbf{7 5 0 - 7 9 3}$ | $\mathbf{7 2 5 - 7 4 9}$ | $\mathbf{7 0 0 - 7 2 4}$ | $\mathbf{6 5 0 - 6 9 9}$ |  |


** The percentages of students across achievement levels may not total 100 due to rounding.

LEAP 2025 High School
English II
<Season><YYYY>

School: Sample School
Report Date: MM/DD/YYYY

|  |  |  |  |  | Percent of Students at Each Category and Subcategory |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Teacher | Class Section | Number of Students |  |  |  |  | Reading Subcategories |  |  |  |  |  |  |  |  |  |  |  | Writing Subcategories |  |  |  |  |  |
| Course Name |  |  | Eligible | Tested |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \frac{\grave{N}}{\partial} \\ & \frac{0}{0} \\ & \text { त్ర } \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  | 0 0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 |  |
|  |  |  |  |  | S | M | W | S | M | W | S | M | W | S | M | W | S | M | W | S | M | W | S | M | W |
| English II | S. Johnson | 4001 | 48 | 40 | 16 | 59 | 25 | 16 | 59 | 25 | 16 | 59 | 25 | 16 | 59 | 25 | 16 | 59 | 25 | 16 | 59 | 25 | 16 | 59 | 25 |
| English II | S. Johnson | 4002 | 56 | 52 | 12 | 65 | 23 | 12 | 65 | 23 | 12 | 65 | 23 | 12 | 65 | 23 | 12 | 65 | 23 | 12 | 65 | 23 | 12 | 65 | 23 |
| English II | A. Bridges | 4003 | 38 | 20 | 22 | 53 | 25 | 22 | 53 | 25 | 22 | 53 | 25 | 22 | 53 | 25 | 22 | 53 | 25 | 22 | 53 | 25 | 22 | 53 | 25 |
| English II |  | $\begin{gathered} \text { Retester } \\ \text { Class } \end{gathered}$ | 10 | 8 | 10 | 60 | 30 | 10 | 60 | 30 | 10 | 60 | 30 | 10 | 60 | 30 | 10 | 60 | 30 | 10 | 60 | 30 | 10 | 60 | 30 |
| School Summary |  |  | 152 | 120 | 15 | 59 | 26 | 15 | 59 | 26 | 15 | 59 | 26 | 15 | 59 | 26 | 15 | 59 | 26 | 15 | 59 | 26 | 15 | 59 | 26 |

$\boldsymbol{s}=$ Strong $\quad \mathbf{M}=$ Moderate $\quad \mathbf{W}=$ Weak

This is a secure document. The information should not be publicly released.


Louisiana Department of Education

