



MATHEMATICS STANDARDS ASSESSMENT PORTFOLIO

Algebra AB

School

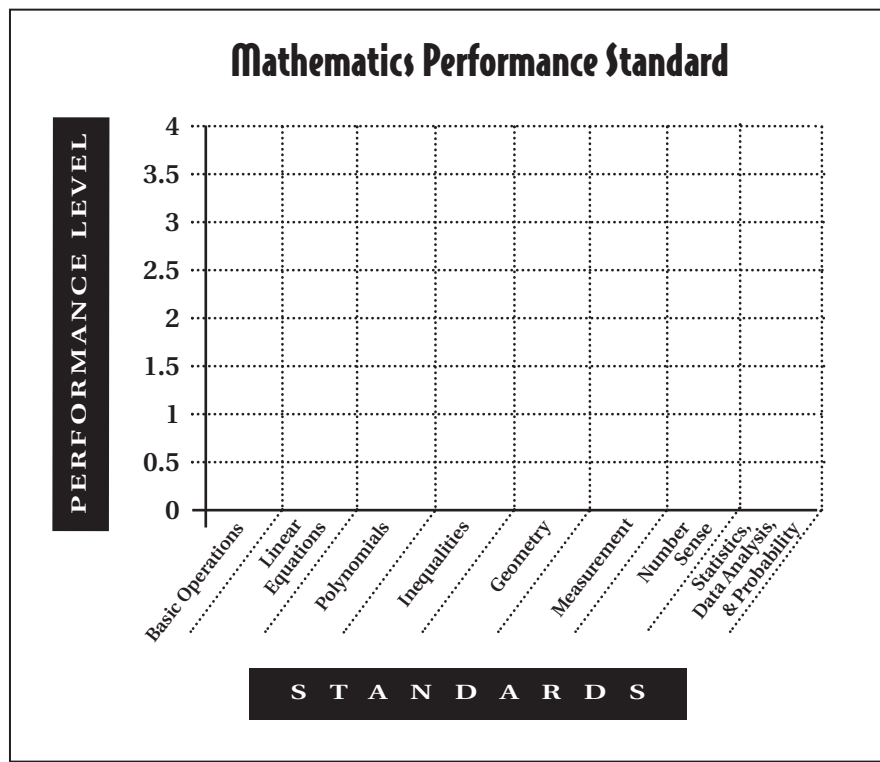
Student

Teacher

Period

Year

The assessment portfolio is a communication tool for students to take ownership for their own learning. It allows parents and teachers to follow the development of students' progress towards reaching the standards. It provides students with multiple opportunities to show growth. It is important that all work for the portfolio is completed independently by the student. Students record their own information in the portfolio including the averaging of performance levels and graphing progress towards meeting standards.



ALGEBRA AB PORTFOLIO PERFORMANCE STANDARD

| Item (Items with an * are required this year) | Not Proficient 1 | Partial Proficient 2 | Proficient 3 | Advanced Proficient 4 |
|---|------------------------|----------------------------|-----------------|-----------------------------|
| * Cornell Notes | | | | |
| * • Basic Operations | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 918 | | | | |
| OEM 919 | | | | |
| OEM 920 | | | | |
| | | | | |
| * • Linear Equations | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 902 | | | | |
| OEM 903 | | | | |
| OEM 912 | | | | |
| | | | | |
| * • Polynomials | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 909 | | | | |
| OEM 914 | | | | |
| | | | | |
| * • Inequality | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM | | | | |
| | | | | |

ALGEBRA AB PORTFOLIO PERFORMANCE STANDARD (CONTINUED)

| Item (Items with an * are required this year) | Not Proficient 1 | Partial Proficient 2 | Proficient 3 | Advanced Proficient 4 |
|---|------------------------|----------------------------|-----------------|-----------------------------|
| * Geometry | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 719 | | | | |
| OEM 723 | | | | |
| OEM 734 | | | | |
| | | | | |
| * Measurement | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 710 | | | | |
| OEM 718 | | | | |
| OEM 733 | | | | |
| | | | | |
| Number Sense | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 703 | | | | |
| OEM 714 | | | | |
| OEM 731 | | | | |
| | | | | |
| Statistics, Data Analysis, and Probability | | | | |
| Graded Student Work | | | | |
| Standards Based Assessment | | | | |
| OEM 701 | | | | |
| OEM 729 | | | | |
| | | | | |
| * Integers | | | | |
| + | | | | |
| - | | | | |
| X | | | | |
| ÷ | | | | |
| End-Of-Course Exam | | | | |

PORTFOLIO COMPONENTS

| Component | Description | Purpose |
|----------------------------|---|--|
| Math Learning Record | This is a student-created study guide of organized notes which can be used to study for the final exam. Math vocabulary for new concepts and processes is correctly defined, illustrated, and written in students' own words. | Students must learn to develop communication skills which include creating and using notes for reference during the year. The notes should also be used to study for comprehensive exams. |
| Integer Tests | Integer tests will be given throughout the year and the highest score for each test will be recorded. Students must meet the percent correct and the amount of time allowed for each category. | Mastery of integers is critical to students' success in Algebra. Students must pass the High School Exit Exam where the use of calculators is not permitted. |
| Graded Student Work | Select examples of individual student work such as tests, quizzes and projects. Calculate the mean of the samples and convert to a four point or percent scoring system. | Student work examples demonstrate growth toward understanding of mathematics standards. |
| Standards Based Assessment | The Standards Based Assessments are located in the Assessment Portfolio Student Workbook. These tests should be completed before the final exam. | Students take common summative tests to assess proficiency level on individual Math Standards. These tests are indicators of student's depth of understanding for each standard. |
| Open-Ended Mathematics | There are three OEM's per standard which students should complete. The best score on the OEM for each standard is recorded in the portfolio. These OEM's are to be completed in class individually by the student. | Students who are able to write about their thinking and understanding of math concepts have a deeper understanding of math that will enable them to do well on tests like the Golden State Exam which includes a written response to one question. |
| End-Of-Course Exam | A comprehensive exam will be given three weeks before the end of the school year. The test is not timed and calculators are not permitted. | Students must learn the rigors of taking comprehensive exams in preparation for the High School Exit Exam and other college entrance exams. |

MATHEMATICS PERFORMANCE STANDARD CRITERIA

| | Not Proficient 1 | Partial Proficient 2 | Proficient 3 | Advanced Proficient 4 |
|----------------------------|---------------------------------|---|---|--|
| Cornell Notes | 1 | 2 | 3 | 4 |
| Integers | Less than 80% | 56 of 70 at least 80% completed in ≤ 15 mins. | 65 of 70 at least 93% and completed in ≤ 10 mins. | 68 of 70 at least 97% and completed in ≤ 5 mins. |
| Graded Student Work | Average is a 1 or less than 60% | Average is a 2 or 60-69% | Average is a 3 or 70% | Average is a 4 or 85% |
| Standards Based Assessment | Less than 60% | 60-69% | 70-84% | 85-100% |
| OEM | 1-2 | 3 | 4 | 5-6 |
| End-Of-Course Exam | Less than 45% | 45-59% | 60-84% | 85-100% |

Performance Level for each standard is determined by the average of the Graded Student Work, Standards Based Test and Open-Ended Math Score.

Performance Level for the Integers is determined by the average of the addition, subtraction, multiplication and division tests.