

North Valleys High School

Algebra 1-2 Assessment Project

Committee: ecause [deleted because I did not get their permission to post their names]

Objectives:

1. The committee will identify essential skills necessary for successful completion of algebra 1-2
2. Upon completion of algebra 1-2, students will master the skills necessary for the end of semester CRT, future math courses, and the state high school proficiency exam.
3. North Valleys HS will reduce failures in our all freshman Algebra 1-2 course.
4. The NVHS math department will create a positive experience with high standards in the learning of mathematics.

Summary:

1. Mastery Testing

- There will be two types of tests: “A” with 4 basic questions, and “B” with 2 basic questions and 2 rigorous questions.
- To acquire mastery on a skill: The student must score 4/4 *twice* on that skill. The first time can either be a test “A” or “B”, however the second must be a test “B”
- Each student will be given a minimum of three chances to master a skill in class. If remediation or re-testing is necessary, the student will be directed to PASS or the tutoring center, where the remediation and testing can take place.
- The first test given in a class on a skill will be an “A” test and the second and third tests will be “B” tests.
- Students will keep track of mastery of skills on their concept list to be kept in their freshman binders.
- Once taken, mastery skills test will be kept in a student file in the classroom.
- If a student masters the skill on the first two skill-tests given in class, they will be excused from the third skills test.
- Skills test will be given at the teacher’s discretion, and can consist of 1 to 4 skills on any one testing day, typically 2-3 class periods between testing days. Skills will continue to roll through testing days until the skill has been tested 3 times at which time it will no longer be tested in class.
- Skills test bank and skills test template will be accessible through the M drive on the school’s server. Once a teacher has created a skills test they will save it on the M drive with the skills listed and whether that skill is an “A” test or “B” test, for example, *Skill 1B-2B-3A*
- Copies of skills tests will be kept in the Tutoring center for remediation.

2. Comprehensive Testing

- Three comprehensive tests will be given each semester and all will be multiple choice exams.
- Test 1: One-third of the way through the concept list and will consist of one-third word problems. (5% of grade)
- Test 2: Two-thirds of the way through the concept list and will consist of two-thirds word problems (5% of grade)
- Test 3: End of semester district CRT (10% of grade) proportion word problems is unknown.
- Testing will be done through Edusoft and data will be collected and analyzed for both the teachers and school.

3. Grading Policy and Gradebook

- Grades will be broken down in the following manner: 50% skills tests, 5% 1st comprehensive test, 5% 2nd comprehensive test, 10% 3rd comprehensive test (district CRT), 15% Accelerated Math, 15% classwork/homework/projects (This 15% can be broken down at the discretion of the teacher)
- Skills will be listed in the gradebook twice: Skill 1A and Skill 1B
- Once a student has achieved a 4/4 on the first test they will receive a “COM “ or complete in the first column. This will count as 4/4 in the gradebook options. Until then the student will receive a number of 0, 1, 2, or 3 based on the highest number correct on the skills tests attempted so far.
- Once the student has achieved a “COM” on the skill test A, they will receive a 0, 1, 2, 3, or “COM” in the skill test B column based on the score on the test following their 4/4 or COM on test A. A student cannot receive a score in column B until they have achieved a COM in column A. Until this time a student will receive a INC or incomplete in column B.

Training will be provided to all teachers participating in this program.