

## How a lesson works

This chart gives an overview of how an instructor and student proceed through a lesson in *Algebra 1: Principles of Secondary Mathematics* and *Algebra 1: Legacy Edition*. These steps may vary based on the needs of the student. In *Algebra 1: Principles of Secondary Mathematics* marginal notes provide support for instructors to help students if they are struggling or if a more guided approach is preferred.

### Algebra 1: Principles of Secondary Mathematics

In the Student Worktext, students begin by reading the objectives and why statement for the lesson.

Students complete the Warm Up to get ready for learning and/or review prior knowledge needed for the lesson.

Next students will encounter the Explore section. They are cued to watch the lesson video, which presents the new concepts. While watching the video, students remain engaged by filling in the guided notes and the missing parts of the examples.

After completing the video, guided notes, and examples students continue on to a Checkpoint allowing them to self-assess and determine if they understand the new concept. Instructors should confirm that students are able to correctly and confidently answer the checkpoint question prior to moving on.

After all parts of the Explore section are complete, students move to Practice 1. Students will practice on their own what they have learned by completing these problems on a separate piece of paper. Instructors should check the work and address any errors before moving on.

The Mastery Check includes problems and questions to determine if students have mastered new concepts. Students are encouraged to self-evaluate their work using the Mastery Rubric. Instructors will use the same Mastery Rubric and the instructor materials to review and confirm that students have achieved mastery.

Based on the outcome of the Mastery Check, instructors will decide if students should:

- Review parts of the lesson (videos, guided notes, and examples)
- Rework Practice 1 problems
- Complete Practice 2
- Move on to Part B

Once students have mastered Part A, they move on to complete Part B, following the same process as they did for Part A.

Proceed to the Lesson Test.

Each lesson includes a Targeted Review. These pages provide practice and review of concepts previously mastered. Instructors should determine how much of these pages and when the student should complete them.

### Algebra 1: Legacy Edition

Instructors prepare for a lesson by reading the materials in the Instructor Handbook and watch the lesson video. Many students will watch the video alongside the instructor, or they will independently watch the video and read through the instructions.

The instructor presents the lesson and models the example problems using the Build, Write, Say method to teach the student.

Instructors should choose problems from the Lesson Practice Worksheets, and work together with the student until they are comfortable with the new concept and can do the problems without assistance.

In the Student Workbook, students practice for mastery using the Lesson Practice Worksheets. Students should do as many Lesson Practice Worksheets as necessary until they remember the material and gain understanding.

Instructors will check for mastery by reviewing the student's Lesson Practice Worksheets and asking them to teach back the new concept.

Based on the outcome of this mastery check, instructors will determine if students should:

- Review the lesson's concept again
- Continue on to complete additional Lesson Practice Worksheets
- Move on to the Systematic Review Worksheets

Students review previously studied concepts by completing Systematic Review Worksheets. Instructors should determine if students are still proficient with previously mastered concepts. If needed, more than one Systematic Review Worksheet can be completed.

After the Systematic Review pages, there is a "honors" lesson worksheet. These are optional, but highly recommended, pages that challenge students to practice their problem-solving skills.

Proceed to the Lesson Test.